

STATE OF DELAWARE
THE PUBLIC SERVICE COMMISSION
CANNON BUILDING
861 SILVER LAKE BLVD., SUITE 100
DOVER, DELAWARE 19904

TELEPHONE: (302) 736-7529
TELECOPIER: (302) 739-4849

FILING COVER SHEET

1. NAME OF APPLICANT: Delmarva Power & Light
2. TYPE OF FILING:
RATE CHANGE ☒
FUEL ADJUSTMENT ☐
ADMINISTRATIVE ☐
CPCN ☐
NEW SERVICE OFFERING ☐
OTHER - DESCRIBE _____ Annual Gas Cost Rate Filing
- IF A TELECOMMUNICATIONS FILING, WHAT TYPE OF SERVICE IS IMPACTED?
BASIC _____ COMPETITIVE _____ DISCRETIONARY _____
3. PROPOSED EFFECTIVE DATE: November 1, 2015
IS EXPEDITED TREATMENT REQUESTED? YES ☐ NO ☐
4. SHORT SUMMARY OF FILING: Annual Gas Cost Rate Filing
5. DOES THIS FILING RELATE TO OTHER DOCKETS: YES ☐ NO ☒
IF YES, LIST DOCKET(S) NO(S): _____
6. IS PUBLIC NOTICE REQUIRED? YES ☒ NO ☐
IF YES, PLEASE ATTACH COPY OF PROPOSED PUBLIC NOTICE.
7. APPLICANT'S CONTACT PERSON: NAME: Pamela J. Scott
TITLE: Assistant General Counsel
PHONE: 302-429-3143
FAX: 302-429-3801
EMAIL pjscott@pepcoholdings.com
WEBSITE (IF APPLICABLE) _____
8. DID YOU PROVIDE A COMPLETE COPY OF THE FILING TO THE PUBLIC ADVOCATE?
YES ☒ NO ☐ IF YES, WHEN? August 27, 2015
9. FILING FEE ENCLOSED: AMOUNT: \$100.00

NOTE: House Bill 681, enacted into law 7/13/98, authorizes the Commission to recover the cost of time spent by in-house staff to process all filings initiated after the date of enactment. You may be required to reimburse the Commission for staff time.



A PHI Company

Pamela J. Scott
Assistant General Counsel

92DC42
500 N. Wakefield Drive
Newark, DE 19702

P.O. Box 6066
Newark, DE 19714-6066

302.429.3143 – Telephone
302.429.3801 – Facsimile
pjscott@pepcoholdings.com

August 27, 2014

FILED VIA DELAFILE

Donna Nickerson, Secretary
Delaware Public Service Commission
Cannon Building, Suite 100
861 Silver Lake Boulevard
Dover, DE 19904

Re: Application for Approval of the 2015-16 Gas Cost Rate

Dear Secretary Nickerson:

Enclosed for filing is Delmarva Power & Light Company's ("Delmarva") Application for Approval of the 2015-16 Gas Cost Rate. Included with the Application is the filing fee of \$100.00.

Should you have any questions or require any additional information, please do not hesitate to contact me.

Very truly yours,

A handwritten signature in blue ink, appearing to read "Pamela J. Scott", written over the typed name.

Pamela J. Scott

Enclosures

Briefing Sheet

BRIEFING SHEET
2015- 2016 GAS COST RATE
DELAWARE PSC DOCKET NO. 15- F

SUBJECT:

Delmarva Power & Light Company's Application to establish its annual commodity cost rate and the demand cost rate components of the Gas Cost Rate (GCR) for the period November 1, 2015 through October 31, 2016.

CHANGE SOUGHT:

Delmarva seeks to revise the GCR demand and commodity charge applicable to Service Classifications MVG and LVG, to revise the volumetrically applied GCR factors applicable to Service Classifications RG, GG, GL, and non-electing MVG, effective on November 1, 2015, with proration. The proposed GCR factors, compared to the presently effective charges, are shown below:

<u>Rate Schedules</u>	<u>Present</u>		<u>Proposed</u>	
	<u>GCR Demand Charge</u>	<u>GCR Commodity Charge</u>	<u>GCR Demand Charge</u>	<u>GCR Commodity Charge</u>
RG, GG and GL	N/A	53.363¢/ccf	N/A	39.467¢/ccf
Non-electing MVG	\$9.8132/Mcf of Billing MDQ	\$3.5695/Mcf	\$1.7022/Mcf	\$2.2445/Mcf
Electing MVG and LVG	\$9.8132/Mcf of Billing MDQ	Varies	\$1.7022/Mcf	Varies
Standby Service	\$9.8132/Mcf of Standby MDQ	N/A	\$1.7022/Mcf	N/A

REASONS FOR FILING:

To establish the Gas Cost Rate factors for the twelve-month period November 2015 through October 2016. Section XX - Gas Cost Rate Clause of Delmarva's Gas Service Tariff requires, among other things, the submission of the Company's estimated annual gas costs for the twelve-month period beginning with the November billing month.

EFFECTIVE DATE:

Effective with usage on and after November 1, 2015, with proration.

IMPACT ON CUSTOMERS:

Customers served under Service Classifications RG, RSH, and GL will experience a 26.3% decrease in the level of the GCR. The effect on a residential space heating Customer using 120 ccf in a winter month would be a decrease of \$16.92, or 12.9%, in their total bill. Customers served on Service Classification GG will experience a decrease on their bills within the range of 5.9% and 16.3%. Customers served on Service Classification MVG will experience a decrease on their bills within the range of 0.8% and 12.0%. The amount of the decrease for these customers will depend upon their load and usage characteristics.

Application

**IN THE MATTER OF THE APPLICATION)
OF DELMARVA POWER & LIGHT COMPANY)
FOR APPROVAL OF MODIFICATIONS) PSC Docket No. 15-____F
TO ITS GAS COST RATES)
(Filed August 27, 2015))**

Delmarva Power & Light Company (“Delmarva,” or the “Company”) makes the following application, pursuant to 26 Del. C. §§ 303(b) and 304, for approval of modifications to its gas cost rates. In support of its application, Delmarva states:

1. The Applicant is Delmarva Power & Light Company, New Castle Regional Office, 401 Eagle Run Road, P. O. Box 9239, Newark, Delaware, 19714. All communications concerning this Application should be sent to Kristin McEvoy at the above address, and to Counsel for the Applicant identified in Paragraph 2.

2. Counsel for Delmarva is Pamela J. Scott, Delmarva Power & Light Company, 500 North Wakefield Drive, Newark, DE 19702.

Delmarva makes the following requests:

The approval of its proposed changes to its Gas Cost Rates as follows:

	<u>Present</u>		<u>Proposed</u>	
	<u>GCR Demand Charge</u>	<u>GCR Commodity Charge</u>	<u>GCR Demand Charge</u>	<u>GCR Commodity Charge</u>
<u>Rate Schedules</u>				
RG, GG and GL	N/A	53.563¢/ccf	N/A	39.467¢/ccf
Non-electing MVG	\$9.8132/Mcf of Billing MDQ	\$3.5695/Mcf	\$1.7022/Mcf	\$2.2445/ /Mcf
Electing MVG and LVG	\$9.8132/Mcf of Billing MDQ	Varies	\$ 1.7022/Mcf	Varies
Standby Service	\$9.8132/Mcf of Standby MDQ	N/A	\$1.7022/Mcf	N/A

3. The approval of the proposed balancing charge for the November 2015-October 2016 GCR period.

4. Delmarva's proposed GCR changes become effective for usage on and after November 1, 2015, with proration.


5. Delmarva's proposed modifications to Tariff Leaf No. 41 become effective on and after November 1, 2015.

WHEREFORE, Delmarva requests that the Commission issue an order directing the Company to publish the attached public notice, and, after hearing, approve the proposed gas cost rates and other requests described herein.

Respectfully submitted,

DELMARVA POWER & LIGHT COMPANY


By:


Pamela J. Scott, Esquire
Delmarva Power & Light Company
500 North Wakefield Drive
Newark, DE 19702
(302) 429-3143
pjscott@pepcoholdings.com

DATED: August 27, 2015


STATE OF DELAWARE)
) SS.
COUNTY OF NEW CASTLE)

On this 20 day of August, 2015, personally came before me, the subscriber, a Notary Public in and for the state and county aforesaid Gary R. Stockbridge, Regional Vice President of Pepco Holdings Inc., a corporation existing under the laws of the State of Delaware, party to this Application, known to me personally to be such, and acknowledged this Application to be his act and deed and the act and deed of such corporation, that the signature of such Regional Vice President is in his own proper handwriting, and that the facts set forth in this Application are true and correct to the best of his knowledge and belief.



Gary R. Stockbridge
President – Delmarva Region

SWORN TO AND SUBSCRIBED before me this 20 day of August 2015.



Notary Public *Notary Public - DE Bar # 3096 (Fid. L. Govt. Inc.)*

My Commission expires: 

**IN THE MATTER OF THE APPLICATION)
OF DELMARVA POWER & LIGHT COMPANY)
FOR APPROVAL OF MODIFICATIONS) PSC Docket No. 15-___F
TO ITS GAS COST RATES)
(Filed August 27, 2015)**

AND NOW, to-wit, this ____ day of _____, A.D., 2015, the Delaware Public Service Commission (“Commission”) determines and orders the following:

WHEREAS, on August 27, 2015, Delmarva Power & Light Company (“Delmarva”) filed with the Commission the above-captioned application (“Application”) seeking approval to modify its Gas Cost Rates (“GCR”) effective on November 1, 2015, with proration, as follows: (1) revise the GCR demand and commodity charge applicable to Service Classifications MVG and LVG; (2) revise the volumetrically applied GCR factors applicable to Service Classifications RG, GG, GL, and non-electing MVG, effective on November 1, 2015, with proration; (3) approve the proposed balancing charge for the November 2015-October 2016 GCR Period; and (4) approve changes to Tariff Leaf No. 41 to become effective November 1, 2015; and

WHEREAS, pursuant to 26 Del. C. §§ 306(a)(2), upon the filing of a petition for a proposed change to any rate, the Commission may determine that a portion of such change shall become effective not later than 60 days after the filing of a petition on a temporary basis pending the final decision of the Commission;

COMMISSIONERS:

1. Pursuant to 26 Del. C. §§ 304 and 306(a)(2), the Commission determines that the proposed changes to Delmarva's GCR rates and the accompanying proposed tariff revisions as set forth in the Application as permitted to become effective for natural gas usage on or after November 1, 2015, with proration and subject to refund, pending a final decision of the Commission:

<u>Rate Schedules</u>	<u>Present</u>		<u>Proposed</u>	
	<u>GCR Demand Charge</u>	<u>GCR Commodity Charge</u>	<u>GCR Demand Charge</u>	<u>GCR Commodity Charge</u>
RG, GG and GL	N/A	53.563¢/ccf	N/A	39.467¢/ccf
Non-electing MVG	\$9.8132/Mcf of Billing MDQ	\$3.5695/Mcf	\$1.7022/Mcf	\$2.2445/ /Mcf
Electing MVG and LVG	\$9.8132/Mcf of Billing MDQ	Varies	\$ 1.7022/Mcf	Varies
Standby Service	\$9.8132/Mcf of Standby MDQ	N/A	\$1.7022/Mcf	N/A

2. The Commission shall not assign this docket to a Hearing Examiner to conduct an evidentiary hearing, but, rather, shall conduct an evidentiary hearing on the Application during its regularly-scheduled meeting on _____, at ____ p.m. at 861 Silver Lake Boulevard, 1st Floor Hearing Room, Cannon Building, Dover, DE 19904.

3. As outlined in the form of Public Notice, interested persons or entities are afforded the opportunity to file written comments or objections to the proposed changes in the GCR. Such written comments or objections must be filed *on or before* _____, 2015. In addition, the Commission will accept public comments on the Application immediately prior to the commencement of the evidentiary hearing on _____, 2015.

4. Pursuant to 26 *Del. C.* § 502 and 29 *Del. C.* ch. 101, the Commission designates Hearing Examiner _____ for the sole purpose of considering any petitions for intervention that may be filed in this docket.

5. Delmarva Power & Light Company shall provide public notice of the filing of its Application, this Order and the date of the evidentiary hearing by publishing notices in the form attached hereto as Exhibit "A" in the legal classified section of The News Journal newspaper in two-column format, outlined in black, on _____, 2015. Proof of such publication is to be provided to the Commission as soon as practical but not later than the commencement of the evidentiary hearing concerning this matter.

6. The deadline for intervention pursuant to 26 *Del. Admin C.* §1001-2.9 shall be _____, 2015. Petitions for intervention that are not received by the Commission **on or before** _____, **2015**, will not be granted unless good cause is shown. In addition, any intervenor wishing to oppose the Application must e- file written prefiled testimony with the Commission pursuant to the Rules of Practice and Procedure of the Commission (26 *Del. Admin C.* §1001-6.4), on or before _____, 2015. Copies of such testimony must be served on the following persons:

Jo Donoghue, Esquire Deputy Attorney General Public Service Commission 820 N. French Street 6th Floor Wilmington, DE 19801 (302) 577-8348 julie.donoghue@state.de.us	Regina A. Iorri, Esquire Deputy Attorney General Division of the Public Advocate 820 N. French Street 6th Floor Wilmington, DE 19801 (302) 577-8159 regina.iorri@state.de.us
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<p>Pamela J. Scott, Esquire Delmarva Power & Light Assistant General Counsel 500 North Wakefield Drive Newark, DE 19702-5440 (Private Mail Service) or P. O. Box 6066 Mail Stop: 92DC42 Newark, DE 19714-6066 (302) 429-3143 pjscott@pepcoholdings.com</p>	<p>Malika Davis Delaware Public Service Commission 861 Silver Lake Blvd., Suite 100 Dover, DE 19904 (302) 736-7521 malika.davis@state.de.us</p>
<p>Connie McDowell Delaware Public Service Commission 861 Silver Lake Blvd., Suite 100 Dover, DE 19904 (302) 736-7535 connie.mcdowell@state.de.us</p>	<p>Kristin M. McEvoy Delmarva Power & Light Company Regulatory Compliance Pricing 401 Eagle Run Road Newark, DE 19714 (Private Mail Service) or P.O. Box 9239 Mail Stop: 79 NC 59 Newark, DE 19714-9239 (302) 454-4187 kristin.mcevoy@pepcoholdings.com</p>
<p>Leonard J. Beck Delmarva Power & Light Company Regulatory Affairs 401 Eagle Run Road Newark, DE 19702 (Private Mail Service) or P.O. Box 9239 Mail Stop: 79NC59 Newark, DE 19714-9239 (302) 454-4839 Len.beck@pepcoholdings.com</p>	<p>David Bonar Public Advocate 29 South State Street Dover, DE 19901 (302) 241-2550 david.bonar@state.de.us</p>

Any written pre-filed testimony sent by an intervenor that is not received by the Commission *on or before* _____, 2015 shall not be considered.

7. Delmarva Power & Light Company is hereby put on notice that it will be charged the costs incurred by the Commission Staff and the Division of the Public Advocate in connection with this proceeding under the provisions of 26 *Del. C.* §114(b)(1).

8. That the Commission reserves the jurisdiction and authority to enter such further Orders in this matter as may be deemed necessary or proper.

BY ORDER OF THE COMMISSION:

CHAIR

COMMISSIONER

COMMISSIONER

COMMISSIONER

COMMISSIONER

ATTEST:

SECRETARY

EXHIBIT "A"

**BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF DELAWARE**

**IN THE MATTER OF THE APPLICATION)
OF DELMARVA POWER & LIGHT COMPANY)
FOR APPROVAL OF MODIFICATIONS) PSC Docket No. 15-____F
TO ITS GAS COST RATES)
(Filed August 27, 2015))**

PUBLIC NOTICE

**TO: ALL NATURAL GAS CUSTOMERS OF DELMARVA POWER & LIGHT
COMPANY, AND OTHER INTERESTED PERSONS**

The Delaware Public Service Commission (the "Commission") will conduct a public comment session and evidentiary hearing concerning the above-captioned case (as further explained below) at the following time and location:

Date & Time

Location

**Hearing Room
Delaware Public Service Commission
861 Silver Lake Boulevard
Cannon Building
Dover, DE 19904**

DP&L's Gas Cost Rate, PSC Docket No. 15-_____

Pursuant to 26 Del. C. §§ 303 and 304, Delmarva Power & Light Company ("Delmarva" or the "Company") has filed an Application with the Delaware Public Service Commission ("Commission"). If the Company's Application is approved by the Commission as filed, the average residential gas space heating customer using 120 ccf of gas would see a decrease in their monthly bill of \$16.92 during the winter heating season. The Application requests a reduction in Gas Cost Rates as follows:

<u>Rate Schedules</u>	<u>Present</u>		<u>Proposed</u>	
	<u>GCR Demand Charge</u>	<u>GCR Commodity Charge</u>	<u>GCR Demand Charge</u>	<u>GCR Commodity Charge</u>
RG, GG and GL	N/A	53.563¢/ccf	N/A	39.467¢/ccf
Non-electing MVG	\$9.8132/Mcf of Billing MDQ	\$3.5695/Mcf	\$1.7022/Mcf	\$2.2445/ /Mcf
Electing MVG and LVG	\$9.8132/Mcf of Billing MDQ	Varies	\$ 1.7022/Mcf	Varies
Standby Service	\$9.8132/Mcf of Standby MDQ	N/A	\$1.7022/Mcf	N/A

In addition, the Application requests approval of the balancing charge for the November 2015-October 2016 GCR period or until such time as a new rate design has been approved. The Commission has permitted the proposed Gas Cost Rates and other rate related modifications to become effective as of November 1, 2015, subject to refund after evidentiary hearings and further proceedings. The Commission's action on this Application will be based upon the evidence presented at evidentiary hearings to be scheduled at a later date.

By Order No. _____ dated _____, 2015, the Commission permitted the proposed rates to become effective with usage on and after November 1, 2015, with proration, subject to modification and refund after an evidentiary hearing.

On _____, 2015, starting at 1:00 p.m., the Commission will consider whether to grant Delmarva's Application. The evidentiary hearing will be held at the Commission's office located at 861 Silver Lake Boulevard, Cannon Building, Suite 100, Dover, Delaware 19904. The Commission will render a decision based upon the evidence presented to it at this evidentiary hearing.

Interested persons or entities are afforded the opportunity to file written comments or objections to the proposed change in the GCR rate. Such written comments or objections must be filed *on or before* _____, **2015**. Please send these written comments to the Commission's address listed above and note the "attention to" as "PSC Docket No. 15-_____." Written comments may also be submitted electronically at <https://delafile@state.delaware.gov/>.

In addition, the Commission will accept public comments on the Application immediately prior to the commencement of the evidentiary hearing on _____, 2015.

If you wish to formally participate as a party in this docket, with the right to submit evidence and to be represented by counsel, you must file with the Commission a written petition asking for leave to intervene in this docket in accordance with the requirements of the Commission's Rules of Practice and Procedure (26 *Del. Admin C.* §1001-2.9) *on or before* _____, 2015. All such petitions should be e-filed according to the Rules. Petitions for intervention that are not received by the Commission *on or before* _____, 2015, will not be granted unless good cause is shown. Petitions received thereafter will not be considered except for good cause shown. If intervention status is granted, any intervenor wishing to oppose the Application shall file written prefiled testimony with the Commission *on or before* _____, 2015. Any submissions sent by an intervenor that are not received by the Commission *on or before* _____, 2015 will not be considered. Such written submissions shall also be served on the persons identified in Order No. ____ in this docket dated _____.

You are invited to review Delmarva's Application and supporting documents to determine how your interests may be affected. You may review documents posted on the Commission's website at <https://delafile@state.de.gov>. If you would like to review documents at the Commission's offices, please contact Donna Nickerson at donna.nickerson@state.de.us to arrange a time for your review. You may also review copies of the Company's Application and supporting documents at the office of the Division of the Public Advocate located at 29 South State Street, Dover, DE 19901. Please call (302) 241-2545 to arrange for a time to review the documents at that location.

If you wish to request copies of the documents in this matter, please submit a Freedom of Information Act Request Form. This form may be found at <http://smu.portal.delaware.gov/cgi-bin/mail/php?foia-request&subj=DOS>. There is also a link to the Freedom of Information Act Request Form on the Commission's website at <https://delafile.delaware.gov>. The Commission will respond to your request in accordance with the Delaware Freedom of Information Act, 29 *Del. C. ch.* 100.

Any individual with a disability desiring to participate in these proceedings or to review the filings should contact the Commission to discuss any auxiliary aids or services needed. The Commission Staff can also provide additional information about this docket. You may contact the Commission in person, by writing, by telephone (including text telephone), by Internet e-mail or other means.

If you have questions about this matter, you may call the Commission at 1-800-282-8574 (toll free in Delaware) or (302) 736-7500 (voice and text telephone). You may also send questions regarding this matter by Internet e-mail addressed to psc@state.de.us; include "PSC Docket No. 15-_____" as the subject.

Tariff Sheets

RULES AND REGULATIONS
SECTION XX - GAS COST RATE CLAUSE

A. Gas Cost Rate Clause

The monthly rates contained in Service Classifications RG, GG, GL, MVG, and LVG shall include a gas cost rate each month to reflect total purchased gas costs. Total purchased gas costs will be separated into purchased gas commodity costs and upstream demand-related gas costs. Total gas cost recovery will occur as the result of the application of a purchased gas commodity cost recovery component and a demand-related cost recovery component to Customer billing determinants.

Total gas cost shall consist of:

- (1) The amounts charged to FERC Accounts 803, 804, and 804.1, which includes commodity purchases, transportation, demand, storage and capacity charges; plus
- (2) The amounts charged to FERC Account 808.1, which includes the cost of gas withdrawn from storage; less
- (3) The amounts credited to FERC Accounts 804.1 and 808.2, which includes the cost of gas delivered to storage; plus
- (4) The amounts charged to FERC Account 728, which includes liquid petroleum gas and unmixed propane gas; plus
- (5) All additional charges paid to the Company's suppliers for prior periods; plus
- (6) The costs paid to third parties as part of a gas price hedging program approved by the Commission, including payments to obtain an option, whether or not exercised, payments to obtain a price band or cap, swap transaction costs, and other similar costs, less revenues or payments received for the sale of an option, swap transaction revenues, or similar revenues or payments received; less
- (7) Revenues received for the Company's ~~Balanceing~~, Firm Storage, and Standby Services; less
- (8) All refunds received from the Company's suppliers for prior periods.

Gas Costs specifically exclude expenses associated with operation and maintenance of Company Owned Liquefied Natural Gas facilities.

The Determination Period concerning the Gas Cost Rate shall be the twelve (12) month period ended October 31 of each year. The Application Period shall be the twelve (12) month period beginning with the November billing month following the close of the Determination Period and continuing through the following October billing month.

In August of each year, the Company shall file with the Commission a statement of its annual estimated gas costs for the next Application Period calculated in accordance with this Clause, and the Commission shall set a new Commodity Cost Rate and a Demand Cost Rate for that year as provided in this Section

Delmarva Power & Light Company ~~d/b/a Connectiv Power Delivery~~Revision: ~~Second~~Third

P.S.C. Del. No. 5 – Gas

Revised: ~~June 25, 2003~~ August 27, 2015

RULES AND REGULATIONS
SECTION XX - GAS COST RATE CLAUSE - (Continued)

B. Commodity Component

1. Monthly Commodity Cost Rate ("Monthly CCR")

The Monthly CCR shall apply to Customers served under Service Classification LVG and is an option for Customers served under Service Classification MVG. On or before August 1 of each year all MVG Customers must elect whether to be charged the annual or monthly commodity cost rate for each 12 month planning period beginning with November billing. No MVG Customer will be permitted to change its election once the application period has begun.

The Monthly CCR shall be determined each month as an estimate of the weighted average commodity cost of gas ("WACCOG"), adjusted for unaccounted-for gas. The estimate shall be based on expected volume requirements and supplier prices. The Monthly CCR shall be applied to all gas quantities used by Customers served under the Monthly CCR provision. There will be no true-up of the monthly WACCOG commodity pricing under this Monthly CCR mechanism unless the annual (July 1-June 30) net difference between the actual monthly WACCOG incurred and the monthly WACCOG price charged (both of which are multiplied by the applicable monthly volumes delivered to Monthly CCR Customers) exceeds the lesser of \$250,000 or 5% of the aggregated gas commodity costs assigned to Monthly CCR Customers. This determination will be filed annually in the GCR.

If this threshold is exceeded, a volumetric factor (either positive or negative) will be calculated by dividing the annual net differences attributed to Monthly CCR Customers by the projected sales for Monthly CCR Customers over the next GCR period. This factor would be applied to all Monthly CCR Customers for the upcoming GCR period in addition to the commodity price that would otherwise apply (the monthly WACCOG) until the amount to be trued up has been reached. At that point, the true-up factor will be eliminated. ~~If the~~ \$250,000 or 5% threshold described above is exceeded, the difference trued-up with respect to Monthly CCR Customers shall be excluded from the Annual Commodity Cost Rate calculation as described below.

2. Annual Commodity Cost Rate ("Annual CCR")

All Customers in Service Classifications RG, GG and GL, and all MVG customers not electing the Monthly CCR will be subject to the "Annual Commodity Cost Rate", to be billed on a volumetric basis. The development of the Annual CCR is based on the cost components defined below, divided by sales to the appropriate Customer classes.

The Annual commodity gas cost shall consist of all costs not recovered by the Demand Gas Cost component, including but not limited to:

- (1) The total commodity portion of the gas costs listed in Paragraph A; less
- (2) The commodity cost of gas, adjusted for losses and unaccounted - for gas, for -LVG and MVG Customers served under the Monthly CCR and any such amount resulting from a reconciliation of actual commodity expenses to estimates; less
- (3) Streamed gas supplies; less

Order No. ~~6193~~Filed: ~~June 25, 2003~~

Filed: August 27, 2015

Docket No. ~~02-284F~~Effective Date: ~~June 17, 2003~~ November 1, 2015 Filed in Compliance

Leaf No.: 35

Proposed

Delmarva Power & Light Company d/b/a ~~Connectiv~~ Power Delivery

Revision: ~~First~~Second

P.S.C. Del. No. 5 – Gas

~~1998~~August 27, 2015

Revised: August 28,

RULES AND REGULATIONS

SECTION XX - GAS COST RATE CLAUSE - (Continued)

~~Annual upstream demand-related costs ("Upstream- The Demand Cost") = 365 or 366 day upstream pipeline capacity and supply related charges divided by the related daily capacity entitlement.~~

~~Average Day Load = Forecasted annual sales divided by 365 or 366.~~

~~Excess Day Load = Design Day Load minus Average Day Load.~~

~~The demand cost rate Rate (DCR) consists of two components: the annual demand-related costs and the excess demand-related costs. The annual portion of the demand rate is derived by the allocation of the Annual Upstream Demand-related cost on the basis of the Average Daily Load of the respective class. This total is then subtracted from the Total Demand Component. The remaining demand costs are allocated to each firm customer class based upon the relationship of the respective class excess load to total excess load.~~

~~Aa single demand cost rate for the MVG and LVG classesvolumetric based factor, which is calculated by dividing the sum of the total demand costs allocated to these two classes using the above methods by the sum of the Contract MDQ for these two classes. This is then divided by 12 to arrive at a single monthly demand cost rate.~~

~~The demand component to be recovered from firm sales customers other than MVG and LVG is the difference between the Total Demand Component andby the amount projected to be collected through application of the monthly demand cost rate to the MVG and LVG classes. The DCR is this difference divided by the projected annual firm sales to the RG, GG and GL classes as well as the inter-departmental sales annual firm sales to all Customer classes. The DCR- is added to the Annual CCR to arrive at a single, volumetric rate which is applied to all gas quantities used by Customers in the RG, GG, GL and GL-Non-Electing MVG service classifications. The DCR and the monthly CCR are applied to all gas quantities used by Customers in the LVG and Electing MVG service classifications.~~

~~For the Gas Cost Period ending October 31, 1996, the demand cost rate for all MVG and LVG Customers shall be \$8.45 per Mef of Billing MDQ. The demand component of all other Customers will be the remainder of all demand costs not projected to be collected from the MVG and LVG Customers, divided by the projected annual sales to these classes.~~

~~The DCR shall be in effect and apply to billings during each month of the Application Period. Any over or under recovery of the upstream demand-related costs shall be incorporated into the development of the demand component of the Annual Gas Cost Rate in the subsequent period, including interest on those over or under collections as provided for in paragraph D below.~~

D. Interim Gas Cost Rate Changes

The GCR as so determined shall be in effect and apply to billings during each month of the Application Period unless the GCR is changed as hereinafter provided:

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Order No.
Docket No.

Filed: August 28, 1998

Effective Date: September 28, 1998

Proposed

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RULES AND REGULATIONS

SECTION XX GAS COST RATE CLAUSE (Continued)

If it appears at any time during the Application Period that the use of the GCR then in effect for the remainder of that period will result in a net under-collection of the Company's gas cost by more than 6% of the latest estimate of the Application Period's gas cost calculated using the actual gas costs incurred to date and the Company's latest estimate of the gas costs and firm sales for the remainder of the Application Period, or a net over-collection of such gas costs by more than 4-1/2% of such estimate, the Company shall apply to the Commission for a change in the GCR and the Commission shall fix a new GCR for the balance of the Application Period which will correct for over- or under-recoveries by amortizing them over a twelve-month period instead of zeroing them out by the end of the current Application Period.

In the case of a projected over-collection of firm gas costs by more than 4-1/2% of the latest estimate of firm gas costs, the Company may apply to the Commission for approval of alternative treatments of such over-collections, including bill credits, in conjunction with or as an alternative to reducing the GCR and amortizing the projected over-collection over a future period.

An adjustment for over or under-collection of purchased gas costs under the CCR and the DCR, and the calculation of interest thereon, will be included in the GCR factors. This adjustment shall be determined as follows:

- (1) By calculating for the Determination Period the commodity cost component as recorded on the Company's books and as estimated by the Company for the remainder of the period, and subtracting therefrom an amount equal to the gas commodity revenues received from all customers gas sales;
- (2) By calculating for the Determination Period the total demand cost component as recorded on the Company's books of purchased gas costs allocable to the DCR and as estimated by the Company for the remainder of the period and subtracting therefrom an amount equal to the gas demand revenues received from all customers.
- (3) Interest will be calculated on the total average deferred gas cost balance. Over-recoveries up to 4 1/2% of the applicable GCR costs shall accrue monthly interest at the applicable refund rate issued by the Federal Energy Regulatory Commission. Over-recoveries in excess of 4 1/2% of the applicable costs shall accrue monthly interest at the applicable refund rate issued by the Federal Energy Regulatory Commission plus 200 basis points. Under-recoveries shall accrue monthly interest at the applicable refund rate issued by the Federal Energy Regulatory Commission.

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Order No. 5061
Docket No. 98-376F

Filed: January 18, 2002 August 27, 2015
Effective Date: March November 1, 1999 2015

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Leaf No.: 36

Delmarva Power & Light Company

Revision: ~~Third~~Fourth

~~P.S.C. Del. No. 5 – Gas~~

~~P.S.C. Del. No. 5 – Gas~~

Revised: August 27, 2015

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Order No.

Filed: August 27, 2015

Docket No.

Effective Date: November 1, 2015

Proposed

RATES AND CHARGES
CORE SALES RATE LEAF

SERVICE CLASSIFICATION	BASE RATE	BASIS
<u>Residential Gas Sales Service ("RG")</u>		
Customer Charge	\$11.41	per month
Delivery Charge	\$0.50229	per CCF
Space Heating Delivery Charge 1/ Over 50 CCF	\$0.40306	per CCF
Environmental Surcharge Rider	\$0.00122	per CCF
Gas Cost Rate (GCR)	\$0.5356339467	per CCF
<u>General Gas Sales Service ("GG")</u>		
Customer Charge	\$34.37	per month
Delivery Charge		
First 750 CCF	\$0.41726	per CCF
Over 750 CCF	\$0.31167	per CCF
Environmental Surcharge Rider	\$0.00122	per CCF
Gas Cost Rate (GCR)	\$0.5356339467	per CCF
<u>Gas Lighting Sales Service ("GL")</u> (Estimated Usage - 15 CCF per month)		
Monthly Charge	\$ 7.06	per gas light
Gas Cost Rate (GCR)	\$ 8.035.92	per gas light
<u>Medium Volume Gas Sales Service ("MVG")</u>		
Customer Charge	\$674.36	per month
Demand Charge	\$ 15.98	per MCF of Billing MDQ
Delivery Charge 2/	\$0.51276	per MCF
Environmental Surcharge Rider	\$0.01215	per MCF
Gas Cost Rate (GCR) Demand Charge	\$9.8132	\$3.9467 per MCF of
<u>Billing MDQ</u>		
Gas Cost Rate (GCR) Commodity Charge 2/	\$3.5695	per MCF
<u>Large Volume Gas Sales Service ("LVG")</u>		
Customer Charge	\$1,010.59	per month
Demand Charge	\$ 9.84	per MCF of Billing MDQ
Delivery Charge 2/	\$0.12335	per MCF
Environmental Surcharge Rider	\$0.01215	per MCF
Gas Demand Cost Rate (GCR) Demand Charge	\$9.8132DCR)	\$1.7022
	per MCF of Billing MDQ	
Gas Commodity Cost Rate (GCR) Commodity Charge (CCR) 2/		Varies per MCF

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Public Utilities Tax: 4.25% Applies to all non-residential services, including the GCR, unless pursuant to Title 30 Chapter 55, the Customer is eligible for a different tax rate or is exempt from such tax.

City of Wilmington Local Franchise Tax: 2% Charged on all non-exempt services, in the City of Wilmington, including the GCR.

Utility Facility Relocation Charge

For applicability refer to Rider UFRC on Leaf No. 81

- 1/ Gas used by Customers with permanently installed gas-fired space heating equipment qualifies for the space heating delivery rate for all gas used in excess of 50 ccf for the billing months of October through May, inclusive.
2/ All LVG and "Electing" MVG Customers pay a monthly Gas Demand Cost Rate and a Commodity Charge GCR Cost Rate based upon the system Weighted Average Commodity Cost of Gas ("System WACCOG"). "Non-Electing" MVG Customers pay the annual GCR Commodity Charge listed here.

Order Nos. ~~8767~~

Docket Nos. ~~14-0295F~~

Filed: August ~~2027~~, 2015

Effective with Usage On and After November 1, ~~2014~~2015

~~Filed in Compliance with Order No. 8767 in Docket No. 14-0295F~~

~~To reflect Gas Cost Rate Approved as Final
(Originally Effective November 1, 2014)~~

Proposed

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Delmarva Power & Light Company
P.S.C. Del. No. 5 - Gas
2015

Leaf No.: 38
Revision: Fifty-fifth
Revised: August 2027

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RATES AND CHARGES
CORE TRANSPORTATION RATE LEAF

SERVICE CLASSIFICATION	BASE RATE	BASIS
<u>General Volume Firm Transportation</u>		
Service ("GVFT")		
Customer Charge	\$119.76	per month
Delivery Charge		
First 750 CCF	\$0.41726	per CCF Redelivered
Over 750 CCF	\$0.31167	per CCF Redelivered
Balancing Fee Non-Base Rate	\$0.0338803310	per CCF of Imbalance Volumes
Environmental Surcharge Rider	\$0.00122	per CCF
<u>Medium Volume Firm Transportation</u>		
Service ("MVFT")		
Customer Charge	\$749.79	per month
Demand Charge	\$ 15.98	per MCF of Billing MDQ
Delivery Charge	\$ 0.51276	per MCF Redelivered
Balancing Fee Non-Base Rate	\$0.33883310	per MCF of Imbalance Volumes
Environmental Surcharge Rider	\$0.01215	per MCF
<u>Large Volume Firm Transportation</u>		
Service ("LVFT")		
Customer Charge	\$1,086.02	per month
Demand Charge	\$ 9.84	per MCF of Billing MDQ
Delivery Charge	\$ 0.12335	per MCF Redelivered
Balancing Fee Non-Base Rate	\$0.33883310	per MCF of Imbalance Volumes
Environmental Surcharge Rider	\$0.01215	per MCF
<u>Standby Service ("SBS")</u>		
Demand Charge Non-Base Rate	\$9.81321.7022	per MCF of Standby MDQ
Commodity Charge		Monthly System WACCOG per MCF (adjusted for losses and unaccounted for)

Utility Facility Relocation Charge For applicability refer to Rider UFRC on Leaf No. 81

Public Utilities Tax: 4.25% Applies to all non-residential services, including the GCR, unless pursuant to Title30 Chapter 55, the Customer is eligible for a different tax rate or is exempt from such tax.

City of Wilmington Local Franchise Tax: 2.00% Charged on all non-exempt Services, in the City of Wilmington, including the GC.

Order No. 8767

Filed: August 2027, 2015

Docket No. 14-0295F

Effective with Usage On and After November 1, 20142015

Filed in Compliance with Order No. 8767 in Docket No. 14-0295F

To reflect Gas Cost Rate Approved as Final
(Originally Effective November 1, 2014)

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Delmarva Power & Light Company
P.S.C. Del. No. 5 - Gas

Leaf No.: 39
Revision: Thirty-~~first~~^{second}
Revised: August ~~2014~~²⁰¹⁵

**RATES AND CHARGES
NON-CORE RATE LEAF**

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<u>SERVICE CLASSIFICATION</u>	<u>BASE RATE</u>	<u>MIN RATE</u>	<u>MAX RATE</u>	<u>NON-BASE RATE</u>	<u>BASIS</u>
<u>Flexibly Priced Gas Service ("FPS")</u>					
Commodity Charge 1/ No Notice Swing Charge	\$ 0.15000	Varies	N/A		per MCF per MCF Redelivered
<u>Medium Volume Interruptible Transportation Service ("MVIT")</u>					
Customer Charge	\$749.79				per month
Delivery Charge (2)					
Option 1	\$ 1.30000				per MCF Redelivered
Option 2		\$0.01	\$3.27		per MCF Redelivered
Option 3	Negotiable				per MCF Redelivered
Balancing Fee				\$0.33883310	per MCF of Imbalance Volumes
<u>Large Volume Interruptible Transportation Service ("LVIT")</u>					
Customer Charge	\$1,086.02				per month
Delivery Charge (2)					
Option 1					
First 5,000 MCF	\$ 1.30000				per MCF Redelivered
Over 5,000 MCF	\$ 0.36000				per MCF Redelivered
Option 2		\$0.01	\$1.00		per MCF Redelivered
Option 3	Negotiable				per MCF Redelivered
Balancing Fee				\$0.33883310	per MCF of Imbalance Volumes
<u>Quasi-Firm Transportation Service ("QFT")</u>					
Customer Charge	Negotiable				per Month
Demand Charge	Negotiable				per MCF of MDQ
Delivery Charge (2)	Negotiable				per MCF Redelivered
Balancing Fee				\$0.33883310	per MCF of Imbalance Volumes
<u>Public Utilities Tax</u>					
	4.25% Applies to all non-residential services, including the GCR, unless pursuant to Title 30 Chapter 55, the Customer is eligible for a different tax rate or is exempt from such tax.				
<u>City of Wilmington</u>					
Local Franchise Tax				2.00%	Charged on all non-exempt services, in the City of Wilmington, including the GCR
Utility Facility Relocation Charge	For applicability refer to Rider UFRC on Leaf No. 81				

1/ Minimum Rate is the monthly system WACCOG plus losses and unaccounted-for, unless gas is acquired specifically for, plus \$0.01 per Mcf.

2/ Minimum and maximum rates do not include the applicable \$0.00000/Mcf charge on QFT, MVIT and LVIT.

Order No. 8767

Filed: August ~~2014~~²⁰¹⁵

Docket No. 14-0295F

Effective with Usage On and After November 1, ~~2014~~²⁰¹⁵

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Filed in Compliance with Order No. 8767 in Docket No. 14-0295F
To reflect Gas Cost Rate Approved as Final
(Originally Effective November 1, 2014) Proposed

SERVICE CLASSIFICATION "GG"

GENERAL GAS SALES SERVICE

A. Availability

This firm sales service is available to any Customer for non-residential gas use with a Monthly Use of less than 20,000 CCF and a Maximum Daily Quantity of less than 5,000 CCF. Any Customer whose monthly use equals or exceeds 20,000 CCF and/or whose Maximum Daily Quantity equals or exceeds 5,000 CCF in any three consecutive billing months may be transferred to Service Classification "MVG" or "LVG", as applicable. Availability of this rate to Customers taking service under a non-core or Transportation Service Classification shall be subject to availability of the Company's gas supply and adequate gas transmission and distribution system capabilities.

B. Transition Charge

A transition charge shall be assessed upon any Customer that switches to any transportation service on less than twelve (12) months advance written notice. This charge is intended to provide compensation for any and all costs deemed to have been incurred to supply firm sales services to the Customer in accordance with procedures approved by the Commission.

In addition, concerning any Customer subject to the Annual GCR Commodity Charge that switches to any transportation or non-firm service at a time when the gas deferred fuel balance is other than zero, a transition charge or refund shall be paid by or returned to the Customer. Such transition charge or refund shall be computed by multiplying the gas deferred fuel balance as of the end of the calendar month preceding the change in service by the ratio of that Customer's usage during the prior twelve-month period to the total usage of all sales Customers subject to an Annual GCR Commodity Charge for the same twelve-month period. Transition refunds shall be paid in a lump sum; transition charges shall be paid by the Customer either in a lump sum or in twelve equal monthly payments at the Customer's option.

C. Rates and Charges:

The rates and charges under this classification are shown on Tariff Leaf No. 37.

D. Gas Cost Rate Clause

All gas billed under this rate shall be subject to the Gas Cost Rate Clause as provided in Section XX of the Rules and Regulations.

E. Minimum Monthly Bill

The Minimum Monthly Bill rendered under this rate shall be the Customer Charge.

Order No.

Docket No.

Filed: August 28, 199827, 2015

Effective Date: ~~September 28, 1998~~November 1, 2015
Proposed

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RULES AND REGULATIONS

SECTION XX - GAS COST RATE CLAUSE

A. Gas Cost Rate Clause

The monthly rates contained in Service Classifications RG, GG, GL, MVG, and LVG shall include a gas cost rate each month to reflect total purchased gas costs. Total purchased gas costs will be separated into purchased gas commodity costs and upstream demand-related gas costs. Total gas cost recovery will occur as the result of the application of a purchased gas commodity cost recovery component and a demand-related cost recovery component to Customer billing determinants.

Total gas cost shall consist of:

- (1) The amounts charged to FERC Accounts 803, 804, and 804.1, which includes commodity purchases, transportation, demand, storage and capacity charges; plus
- (2) The amounts charged to FERC Account 808.1, which includes the cost of gas withdrawn from storage; less
- (3) The amounts credited to FERC Accounts 804.1 and 808.2, which includes the cost of gas delivered to storage; plus
- (4) The amounts charged to FERC Account 728, which includes liquid petroleum gas and unmixed propane gas; plus
- (5) All additional charges paid to the Company's suppliers for prior periods; plus
- (6) The costs paid to third parties as part of a gas price hedging program approved by the Commission, including payments to obtain an option, whether or not exercised, payments to obtain a price band or cap, swap transaction costs, and other similar costs, less revenues or payments received for the sale of an option, swap transaction revenues, or similar revenues or payments received; less
- (7) Revenues received for the Company's Firm Storage and Standby Services; less
- (8) All refunds received from the Company's suppliers for prior periods.

Gas Costs specifically exclude expenses associated with operation and maintenance of Company Owned Liquefied Natural Gas facilities.

The Determination Period concerning the Gas Cost Rate shall be the twelve (12) month period ended October 31 of each year. The Application Period shall be the twelve (12) month period beginning with the November billing month following the close of the Determination Period and continuing through the following October billing month.

In August of each year, the Company shall file with the Commission a statement of its annual estimated gas costs for the next Application Period calculated in accordance with this Clause, and the Commission shall set a new Commodity Cost Rate and a Demand Cost Rate for that year as provided in this Section

RULES AND REGULATIONS

SECTION XX - GAS COST RATE CLAUSE - (Continued)

B. Commodity Component

1. Monthly Commodity Cost Rate ("Monthly CCR")

The Monthly CCR shall apply to Customers served under Service Classification LVG and is an option for Customers served under Service Classification MVG. On or before August 1 of each year all MVG Customers must elect whether to be charged the annual or monthly commodity cost rate for each 12 month planning period beginning with November billing. No MVG Customer will be permitted to change its election once the application period has begun.

The Monthly CCR shall be determined each month as an estimate of the weighted average commodity cost of gas ("WACCOG"), adjusted for unaccounted-for gas. The estimate shall be based on expected volume requirements and supplier prices. The Monthly CCR shall be applied to all gas quantities used by Customers served under the Monthly CCR provision. There will be no true-up of the monthly WACCOG commodity pricing under this Monthly CCR mechanism unless the annual (July 1-June 30) net difference between the actual monthly WACCOG incurred and the monthly WACCOG price charged (both of which are multiplied by the applicable monthly volumes delivered to Monthly CCR Customers) exceeds the lesser of \$250,000 or 5% of the aggregated gas commodity costs assigned to Monthly GCR Customers. This determination will be filed annually in the GCR.

If this threshold is exceeded, a volumetric factor (either positive or negative) will be calculated by dividing the annual net differences attributed to Monthly GCR Customers by the projected sales for Monthly GCR Customers over the next GCR period. This factor would be applied to all Monthly CCR Customers for the upcoming GCR period in addition to the commodity price that would otherwise apply (the monthly WACCOG) until the amount to be trued up has been reached. At that point, the true-up factor will be eliminated. If the \$250,000 or 5% threshold described above is exceeded, the difference trued-up with respect to Monthly GCR Customers shall be excluded from the Annual Commodity Cost Rate calculation as described below.

2. Annual Commodity Cost Rate ("Annual CCR")

All Customers in Service Classifications RG, GG and GL, and all MVG customers not electing the Monthly CCR will be subject to the "Annual Commodity Cost Rate", to be billed on a volumetric basis. The development of the Annual CCR is based on the cost components defined below, divided by sales to the appropriate Customer classes.

The Annual commodity gas cost shall consist of all costs not recovered by the Demand Gas Cost component, including but not limited to:

- (1) The total commodity portion of the gas costs listed in Paragraph A; less
- (2) The commodity cost of gas, adjusted for losses and unaccounted - for gas, for LVG and MVG Customers served under the Monthly CCR and any such amount resulting from a reconciliation of actual commodity expenses to estimates; less
- (3) Streamed gas supplies; less

RULES AND REGULATIONS

SECTION XX - GAS COST RATE CLAUSE - (Continued)

The Demand Cost Rate (DCR) consists of a single volumetric based factor, which is calculated by dividing the Total Demand Component by the projected annual firm sales to all Customer classes. The DCR is added to the Annual CCR to arrive at a single, volumetric rate which is applied to all gas quantities used by Customers in the RG, GG, GL and Non-Electing MVG service classifications. The DCR and the monthly CCR are applied to all gas quantities used by Customers in the LVG and Electing MVG service classifications.

D. Interim Gas Cost Rate Changes

The GCR as so determined shall be in effect and apply to billings during each month of the Application Period unless the GCR is changed as hereinafter provided:

If it appears at any time during the Application Period that the use of the GCR then in effect for the remainder of that period will result in a net under-collection of the Company's gas cost by more than 6% of the latest estimate of the Application Period's gas cost calculated using the actual gas costs incurred to date and the Company's latest estimate of the gas costs and firm sales for the remainder of the Application Period, or a net over-collection of such gas costs by more than 4-1/2% of such estimate, the Company shall apply to the Commission for a change in the GCR and the Commission shall fix a new GCR for the balance of the Application Period which will correct for over- or under-recoveries by amortizing them over a twelve-month period instead of zeroing them out by the end of the current Application Period.

In the case of a projected over-collection of firm gas costs by more than 4-1/2% of the latest estimate of firm gas costs, the Company may apply to the Commission for approval of alternative treatments of such over-collections, including bill credits, in conjunction with or as an alternative to reducing the GCR and amortizing the projected over-collection over a future period.

An adjustment for over or under-collection of purchased gas costs under the CCR and the DCR, and the calculation of interest thereon, will be included in the GCR factors. This adjustment shall be determined as follows:

- (1) By calculating for the Determination Period the commodity cost component as recorded on the Company's books and as estimated by the Company for the remainder of the period, and subtracting therefrom an amount equal to the gas commodity revenues received from all customers gas sales;
- (2) By calculating for the Determination Period the total demand cost component as recorded on the Company's books of purchased gas costs allocable to the DCR and as estimated by the Company for the remainder of the period and subtracting therefrom an amount equal to the gas demand revenues received from all customers.
- (3) Interest will be calculated on the total average deferred gas cost balance. Over-recoveries up to 4 1/2% of the applicable GCR costs shall accrue monthly interest at the applicable refund rate issued by the Federal Energy Regulatory Commission. Over-recoveries in excess of 4 1/2% of the applicable costs shall accrue monthly interest at the applicable refund rate issued by the Federal Energy Regulatory Commission plus 200 basis points. Under-recoveries shall accrue monthly interest at the applicable refund rate issued by the Federal Energy Regulatory Commission.

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RATES AND CHARGES
CORE SALES RATE LEAF

<u>SERVICE CLASSIFICATION</u>	<u>BASE RATE</u>	<u>BASIS</u>
<u>Residential Gas Sales Service ("RG")</u>		
Customer Charge	\$11.41	per month
Delivery Charge	\$0.50229	per CCF
Space Heating Delivery Charge 1/ Over 50 CCF	\$0.40306	per CCF
Environmental Surcharge Rider	\$0.00122	per CCF
Gas Cost Rate (GCR)	\$0.39467	per CCF
<u>General Gas Sales Service ("GG")</u>		
Customer Charge	\$34.37	per month
Delivery Charge		
First 750 CCF	\$0.41726	per CCF
Over 750 CCF	\$0.31167	per CCF
Environmental Surcharge Rider	\$0.00122	per CCF
Gas Cost Rate (GCR)	\$0.39467	per CCF
<u>Gas Lighting Sales Service ("GL")</u>		
(Estimated Usage - 15 CCF per month)		
Monthly Charge	\$ 7.06	per gas light
Gas Cost Rate (GCR)	\$ 5.92	per gas light
<u>Medium Volume Gas Sales Service ("MVG")</u>		
Customer Charge	\$674.36	per month
Demand Charge	\$ 15.98	per MCF of Billing MDQ
Delivery Charge 2/	\$0.51276	per MCF
Environmental Surcharge Rider	\$0.01215	per MCF
Gas Cost Rate (GCR) 2/	\$3.9467	per MCF
<u>Large Volume Gas Sales Service ("LVG")</u>		
Customer Charge	\$1,010.59	per month
Demand Charge	\$ 9.84	per MCF of Billing MDQ
Delivery Charge 2/	\$0.12335	per MCF
Environmental Surcharge Rider	\$0.01215	per MCF
Gas Demand Cost Rate (DCR)	\$1.7022	per MCF
Gas Commodity Cost Rate (CCR) 2/	Varies	per MCF

Public Utilities Tax: 4.25% Applies to all non-residential services, including the GCR, unless pursuant to Title 30 Chapter 55, the Customer is eligible for a different tax rate or is exempt from such tax.

City of Wilmington Local Franchise Tax: 2% Charged on all non-exempt services, in the City of Wilmington, including the GCR.

Utility Facility Relocation Charge For applicability refer to Rider UFRC on Leaf No. 81

1/ Gas used by Customers with permanently installed gas-fired space heating equipment qualifies for the space heating delivery rate for all gas used in excess of 50 ccf for the billing months of October through May, inclusive.
2/ All LVG and "Electing" MVG Customers pay a monthly Gas Demand Cost Rate and a Commodity Cost Rate based upon the system Weighted Average Commodity Cost of Gas ("System WACCOG"). "Non-Electing" MVG Customers pay the annual GCR listed here.

Order Nos.

Filed: August 27, 2015

Docket Nos.

Effective with Usage On and After November 1, 2015

Proposed

CORE TRANSPORTATION RATE LEAF

Utility Facility Relocation Charge For applicability refer to Rider UFRC on Leaf No. 81

Public Utilities Tax: 4.25% Applies to all non-residential services, including the GCR, unless pursuant to Title30 Chapter 55, the Customer is eligible for a different tax rate or is exempt from such tax.

City of Wilmington Local Franchise Tax: 2.00% Charged on all non-exempt Services, in the City of Wilmington, including the GC.

RATES AND CHARGES
NON-CORE RATE LEAF

<u>SERVICE CLASSIFICATION</u>	<u>BASE RATE</u>	<u>MIN RATE</u>	<u>MAX RATE</u>	<u>NON-BASE RATE</u>	<u>BASIS</u>
<u>Flexibly Priced Gas Service ("FPS")</u>					
Commodity Charge 1/ No Notice Swing Charge	\$ 0.15000	Varies	N/A		per MCF per MCF Redelivered
<u>Medium Volume Interruptible Transportation Service ("MVIT")</u>					
Customer Charge	\$749.79				per month
Delivery Charge (2)					
Option 1	\$ 1.30000				per MCF Redelivered
Option 2		\$0.01	\$3.27		per MCF Redelivered
Option 3	Negotiable				per MCF Redelivered
Balancing Fee				\$0.3310	per MCF of Imbalance Volumes
<u>Large Volume Interruptible Transportation Service ("LVIT")</u>					
Customer Charge	\$1,086.02				per month
Delivery Charge (2)					
Option 1					
First 5,000 MCF	\$ 1.30000				per MCF Redelivered
Over 5,000 MCF	\$ 0.36000				per MCF Redelivered
Option 2		\$0.01	\$1.00		per MCF Redelivered
Option 3	Negotiable				per MCF Redelivered
Balancing Fee				\$0.3310	per MCF of Imbalance Volumes
<u>Quasi-Firm Transportation Service ("QFT")</u>					
Customer Charge	Negotiable				per Month
Demand Charge	Negotiable				per MCF of MDQ
Delivery Charge (2)	Negotiable				per MCF Redelivered
Balancing Fee				\$0.3310	per MCF of Imbalance Volumes
<u>Public Utilities Tax</u>					
	4.25% Applies to all non-residential services, including the GCR, unless pursuant to Title 30 Chapter 55, the Customer is eligible for a different tax rate or is exempt from such tax.				
<u>City of Wilmington</u>					
<u>Local Franchise Tax</u>				2.00%	Charged on all non-exempt services, in the City of Wilmington, including the GCR

Utility Facility Relocation Charge

For applicability refer to Rider UFRC on Leaf No. 81

1/ Minimum Rate is the monthly system WACCOG plus losses and unaccounted-for, unless gas is acquired specifically for, plus \$0.01 per Mcf.

2/ Minimum and maximum rates do not include the applicable \$0.00000/Mcf charge on QFT, MVIT and LVIT.

Order No.
Docket No.

Filed: August 27, 2015
Effective with Usage On and After November 1, 2015
Proposed

SERVICE CLASSIFICATION "GG"

GENERAL GAS SALES SERVICE

A. Availability

This firm sales service is available to any Customer for non-residential gas use with a Monthly Use of less than 20,000 CCF and a Maximum Daily Quantity of less than 5,000 CCF. Any Customer whose monthly use equals or exceeds 20,000 CCF and/or whose Maximum Daily Quantity equals or exceeds 5,000 CCF in any three consecutive billing months may be transferred to Service Classification "MVG" or "LVG", as applicable. Availability of this rate to Customers taking service under a non-core or Transportation Service Classification shall be subject to availability of the Company's gas supply and adequate gas transmission and distribution system capabilities.

B. Transition Charge

A transition charge shall be assessed upon any Customer that switches to any transportation service on less than twelve (12) months advance written notice. This charge is intended to provide compensation for any and all costs deemed to have been incurred to supply firm sales services to the Customer in accordance with procedures approved by the Commission.

In addition, concerning any Customer subject to the Annual GCR Commodity Charge that switches to any transportation or non-firm service at a time when the gas deferred fuel balance is other than zero, a transition charge or refund shall be paid by or returned to the Customer. Such transition charge or refund shall be computed by multiplying the gas deferred fuel balance as of the end of the calendar month preceding the change in service by the ratio of that Customer's usage during the prior twelve-month period to the total usage of all sales Customers subject to an Annual GCR Commodity Charge for the same twelve-month period. Transition refunds shall be paid in a lump sum; transition charges shall be paid by the Customer either in a lump sum or in twelve equal monthly payments at the Customer's option.

C. Rates and Charges:

The rates and charges under this classification are shown on Tariff Leaf No. 37.

D. Gas Cost Rate Clause

All gas billed under this rate shall be subject to the Gas Cost Rate Clause as provided in Section XX of the Rules and Regulations.

E. Minimum Monthly Bill

The Minimum Monthly Bill rendered under this rate shall be the Customer Charge.

Testimony

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DELMARVA POWER & LIGHT COMPANY
TESTIMONY OF JAMES B. JACOBY
BEFORE THE DELAWARE PUBLIC SERVICE COMMISSION
CONCERNING THE NOVEMBER 2015 THROUGH OCTOBER 2016
GAS COST RATE
PSC DOCKET NO. 15-____F

15 **1. Q: Please state your name, occupation, and business address.**

16 **A:** My name is James B. Jacoby, Manager Gas Supply, for Delmarva Power &
17 Light Company (Delmarva or the Company). My office is located at 630 Martin Luther
18 King Jr. Blvd, Wilmington, Delaware 19801.

19
20 **2. Q: Please briefly summarize your educational and professional background.**

21 **A:** I hold a Bachelor of Science Degree in Mining Engineering from The
22 Pennsylvania State University and I am a licensed Professional Engineer in the
23 Commonwealth of Pennsylvania.

24 I have been employed by Pepco Holdings, Inc. (PHI), the parent of Delmarva
25 Power and Light Company (Delmarva) and its affiliates since July of 1990, serving in
26 operations, environmental, and risk functions. Prior to this I was employed for seven
27 years as an engineer in the mining and environmental industry.

28 In my current role, I am responsible for developing and managing a reliable,
29 cost-effective gas supply portfolio for Delmarva Gas Cost Rate (GCR) customers.

1
2 **3. Q: Have you previously testified before the Delaware Public Service Commission?**

3 A: Yes. I have provided testimony before the Delaware Public Service
4 Commission (Commission) in the Annual Gas Cost Rate Case for 2011–2012, Docket
5 No. 11-381F; the Annual Gas Cost Rate Case for 2012-2013, Docket No 12- 419F; the
6 Annual Gas Cost Rate Case for 2013-2014, Docket No. 13-349F; the Annual Gas Cost
7 Rate Case for 2014-2015, Docket No. 14-295F; and the 2011 QFCP-RC proceedings,
8 Docket No. 11-362.
9

10 **4. Q: What is the purpose of your testimony in this proceeding?**

11 A: I am testifying on behalf of Delmarva supporting the GCR proposed to be
12 effective from November 1, 2015 through October 31, 2016. My testimony presents the
13 calculation of the total estimated gas supply costs for the period in question. The
14 estimate includes the following cost elements: 1) gas commodity; 2) interstate pipeline
15 transportation demand; 3) storage demand and capacity; 4) storage withdrawal/injection;
16 5) variable transportation commodity; 6) fuel; and 7) an estimate of capacity release and
17 off-system sales revenue credits. My direct testimony will also discuss Delmarva's
18 Natural Gas Hedge Plan. My testimony was prepared by me or under my direct
19 supervision and control. The source documents for my testimony are Company records.
20 I also rely on my on my personal knowledge and experience.

1 **5. Q: Please outline Delmarva's Firm interstate pipeline and storage capacity and**
2 **supplemental supply portfolio available for this upcoming GCR period.**

3 **A:** Schedule JBJ-1, Portfolio of Firm Transportation & Storage Services,
4 summarizes the Firm transportation and Firm storage services presently under contract
5 that have primary delivery points to Delmarva's interstate pipeline interconnections.
6 Based upon these upstream contracts and the planned-for design day vaporization of
7 25,000 MCF from Delmarva's LNG facility, Delmarva will begin the GCR Application
8 Period with 183,485 MCF of peak or design day supply deliverability available to meet
9 Firm sales customer requirements.

10 There are no capacity additions or subtractions planned during the 2015-2016
11 GCR Application Period. Column 5 of Schedule JBJ-1 shows the design day supply
12 deliverability of 183,485 MCF available to meet firm sales customer requirements
13

14 **6. Q: What are the major differences between this year's projected transportation and**
15 **storage demand costs versus those contained in last year's annual GCR filing?**

16 **A:** The annual projected fixed costs related to Delmarva's transportation and
17 storage services are summarized in Schedule JBJ-2. This Schedule compares the
18 projected 2015-2016 costs (Column 3, Schedule JBJ-2) with the estimates included in
19 last year's GCR application (Column 4, Schedule JBJ-2). Overall, compared to last
20 year's application, fixed costs are projected to increase by \$90,635, or 0.3%. The
21 variance can be explained by increased Firm Transportation costs totaling \$77,537,
22 increased Storage & Seasonal Services totaling \$13,012 and Supplemental Peaking
23 Services increases totaling \$86.00.

1 The slight overall increase in Firm Transportation charges was due to an extra
2 day of service in 2016 (February in 2016 is a leap year). That increase was largely
3 offset by the expiration of the Eastern Shore E-3 Surcharge (JBJ-2 Line 9) which
4 reduced costs by \$192,036.

5 The increase in Storage & Seasonal Services costs was primarily attributable to
6 higher Transco & Columbia SST Storage Services costs (Line 14, 16, 17 & 18,
7 Schedule JBJ-2) and the extra day of service. These increases were partially offset by
8 lower Columbia FSS Storage Services costs (Line 15, Schedule JBJ-2).

9 There were no significant changes in Supplemental Peaking Services.
10

11 **7. Q: Has Delmarva included any forecast of interstate pipeline bill credits or refunds**
12 **in this year's GCR Application?**

13 **A:** No, and none are expected.
14

15 **8. Q: Please describe the development of the system's gas requirements forecast.**

16 **A:** Delmarva's system gas requirements forecast, also referred to as Firm Sendout,
17 is based upon (a) a monthly forecast of Firm billed sales provided by Delmarva Witness
18 Brielmaier; (b) Company use; (c) a 2.5% factor for lost and unaccounted-for-gas
19 (LAUF); and (d) cycle billing effect. In this Application, Non-Firm Sendout is assumed
20 to be zero based upon Delmarva's recent experience with no sales under its Flexibly
21 Priced City Gate Sales Service (FPS). Schedule JBJ-3, Page 1 of 6, presents the firm
22 sales, Company use, LAUF and cycle billing estimates on Lines 2, 3 and 4.
23

1 **9. Q: How are the projected demand, supply and price forecasts integrated?**

2 **A:** For each month of the forecast period, sources and disposition of supply are
3 matched, taking into consideration customer demand, storage inventories, contractual
4 limitations and economics. The gas procurement process takes into account the
5 reliability of supply, operational considerations, and contract obligations, and is then
6 structured to acquire gas supplies at the best possible cost. Schedule JBJ-3 summarizes
7 Delmarva's projected gas demand, supply and supply prices for the forecast period,
8 November 2015 through October 2016.

9 **10. Q: What source did Delmarva select for development of its price forecast for spot**
10 **purchases?**

11 **A:** Delmarva used the NYMEX gas futures closing prices on August 10, 2015, as
12 its spot (wholesale) natural gas price (See Table 1 below). The NYMEX natural gas
13 futures closing prices on August 10, 2015 were reasonable for use as the wholesale
14 natural gas price forecast. Using a different methodology would not likely provide a
15 more accurate GCR forecast. In addition, the use of this methodology is consistent with
16 Commission Order No. 6956, Docket No. 05-312F, dated July 11, 2006, and has been
17 used by the Company since the issuance of that Order.

Table 1. NYMEX Futures Closing Prices (In \$ / MCF)

Item	Month	NYMEX 8/10/2015
1	November 2015	\$3.0760
2	December 2015	\$3.2406
3	January 2016	\$3.3462
4	February 2016	\$3.3389
5	March 2016	\$3.2892
6	April 2016	\$3.1081
7	May 2016	\$3.0998
8	June 2016	\$3.1257
9	July 2016	\$3.1568
10	August 2016	\$3.1650
11	September 2016	\$3.1588
12	October 2016	\$3.1919

11. Q: What are the major components of Delmarva's projected natural gas commodity costs for the November 2015 to October 2016 period contained in Delmarva's annual GCR application?

A: Delmarva's estimated natural gas commodity costs for the 2015-2016 GCR Application Period totals \$34,464,994, and is based on three components summarized in Table 2 below: 1) natural gas expected to be withdrawn from storage; 2) gas that is currently hedged for the 2015-2016 GCR Period; and 3) "spot" gas, or gas purchased that is not hedged at the time the cost forecast is prepared. Table 2 below showing the 2014-15 projected volumes and commodity costs is provided for reference, as well as Table 3 below which summarizes the differences between the 2014-2015 GCR and the 2015-2016 GCR. During the 2015-16 GCR Application Period, Delmarva plans to hedge a portion of its gas purchases according to the Commission approved non-discretionary hedging program.

Table 2. Summary of 2015-2016 Projected Volumes & Commodity Costs

Item	Source of Supply	Percentage of Supply	Supply (MCF)	\$ / MCF	Commodity Cost
1	Storage Withdrawals	23%	3,086,164	\$3.29	\$10,165,382
2	Hedged Purchases	17%	2,297,101	\$3.26	\$7,492,788
3	Spot Purchases	60%	7,785,113	\$3.24	\$25,251,147
4	Total Purchases	100%	13,168,378	\$3.26	\$42,909,317
5	Basis, Fuel & Variable Costs			(\$0.64)	(\$8,444,323)
6	Total Commodity Costs				\$34,464,994

Table 2. Summary of 2014-2015 Projected Volumes & Commodity Costs

Item	Source of Supply	Percentage of Supply	Supply (MCF)	\$ / MCF	Commodity Cost
1	Storage Withdrawals	25%	3,086,164	\$4.08	\$12,588,386
2	Hedged Purchases	19%	2,376,812	\$4.60	\$10,925,618
3	Spot Purchases	56%	6,868,287	\$4.23	\$29,064,749
4	Total Purchases	100%	12,331,263	\$4.26	\$52,578,753
5	Basis, Fuel & Variable Costs			(\$0.87)	(\$10,737,776)
6	Total Commodity Costs				\$41,840,977

Table 3. Change in Projected Volume & Commodity Costs - 2015-16 GCR vs 2014-15 GCR

Item	Source of Supply	Percentage of Supply	Supply (MCF)	\$ / MCF	Commodity Cost
1	Storage Withdrawals	-2%	-	(\$0.79)	(\$2,423,004)
2	Hedged Purchases	-2%	(79,710)	(\$1.33)	(\$3,432,830)
3	Spot Purchases	4%	916,826	(\$0.99)	(\$3,813,602)
4	Total Purchases		837,116	(\$1.01)	(\$9,669,436)
5	Basis, Fuel & Variable Costs			\$0.23	\$2,293,453
6	Total Commodity Costs				(\$7,375,983)

2

3 12. Q: How does the summary of projected 2015-2016 commodity costs shown in Table
4 2 above compare to the 2014-2015 forecast?

5 A: Overall, compared to last year's costs (see last year's Table 2 above) the 2015-
6 2016 wholesale gas commodity costs are projected to be \$7,375,983 lower (see Table 3
7 above). The significant decrease in commodity cost is driven by a \$1.01 decrease in

1 NYMEX based commodity cost (Line 4 of Table 3) which was somewhat offset by
2 increases in basis charges (Line 5 of Table 3 above).

3 Storage Withdrawal costs (Line 1 of Table 3 above) are expected to be
4 \$2,423,004 lower than the Storage Withdrawal costs forecast in last year's GCR (PSC
5 Docket 14-295F). The main reason for this decrease are lower natural gas market prices
6 during injection months (April through October).

7 Hedged Purchase cost (Line 2 of Table 3 above) in this year's forecast are
8 \$3,432,830 lower due mainly to lower unit gas costs. Schedule JBJ-4 shows the
9 percentage hedged for the upcoming GCR Application Period, the hedge costs and the
10 market value of the hedges based on August 10, 2015 NYMEX pricing. This Schedule,
11 along with other documentation, is reviewed with the Commission and the Division of the
12 Public Advocate (DPA) on a quarterly basis. Please note that the hedge volumes on
13 Schedule JBJ-4 are stated per MMBtu. Line 15 has been added to Schedule JBJ-4 so that
14 the hedge volumes and cost per unit can reconcile to the Hedge Purchases in MCF
15 disclosed on Table 2, Summary of 2015-2016 Projected Commodity Costs, above.

16 The increase in Spot Purchases (Line 3 of Table 3 above) of natural gas
17 totaling 916,825 MCF is expected to occur at an average price of \$3.24 per MCF, which is
18 lower than the \$4.23 per MCF forecast in last year's GCR filing. This is due to lower
19 natural gas market prices when compared to the prior year.

20 The increase in Basis, Fuel & Variable Costs totaling \$2,293,453 is primarily
21 due to increases in the estimated basis charges at the Transco delivery points. This was
22 partially offset by a small decrease in the basis for the Columbia Mainline delivery

1 points While historically still quite low, the relative increases in basis cost at all of the
2 delivery points are responsible for the approximately \$2.3 M increase.
3

4 **13. Q: Please explain how the estimated cost for storage withdrawals is**
5 **determined?**

6 A. Projected storage withdrawal costs are estimated by taking the actual inventory
7 cost as of July 31, 2015, and projecting the volume and total cost of gas expected to be
8 injected between August 1, 2015 and October 31, 2015. The total cost of injected gas
9 into Delmarva's storage facilities includes all transportation, commodity and storage
10 charges, in addition to the underlying market cost of the natural gas at the time of
11 injection.
12

13 **14. Q: Please outline the guidelines of Delmarva's Natural Gas Hedging Program.**

14 A. Commission Order 7658, in Docket No. 08-266F, dated October 6, 2009,
15 requires Delmarva to hedge, on a non-discretionary basis, fifty percent (50%) of the
16 projected monthly gas requirements. The time horizon of the Hedging Program is
17 12months. Therefore, hedges are to be entered into on a pro-rata basis (1/12th each
18 month) over the 12months preceding the month in which the physical gas is delivered to
19 customers. As noted during the quarterly hedge calls, Delmarva defines projected
20 monthly gas requirements as projected city gate requirements plus storage injections
21 minus storage withdrawals. Delmarva created a method to track the quantity of hedges
22 by month that it needs to execute in order to maintain compliance with the guidelines to
23 hedge 1/12 each month on a pro-rata basis beginning 12months in advance. This

1 tracking mechanism is shared and discussed with Commission Staff and the DPA on a
2 quarterly basis.

3
4 **15. Q: Have there been any changes to Delmarva's Natural Gas Hedging Program since**
5 **the guidelines were established in PSC Order 7658, dated October 6, 2009?**

6 A. No.

7
8 **16. Q: What are the objectives of Delmarva's Natural Gas Hedging Program and**
9 **Natural Gas Planning and Procurement Strategy?**

10 A: The objectives of the Natural Gas Hedging Program are to reduce gas
11 commodity price volatility while limiting the Firm Sales customers' exposure to
12 increases in the market price of natural gas.

13 The overall objective of Delmarva's Gas Supply Planning and Procurement
14 Strategy is to provide reliable natural gas supply and service to core residential,
15 commercial and industrial customers at the lowest reasonable and stable prices which
16 are reflective of market conditions over time. To ensure reliability, Delmarva secures,
17 by long-term contract, the needed pipeline and storage services to serve its core
18 customers' Firm requirements.

19
20 **17. Q: What has Delmarva done to lower fixed pipeline and storage costs?**

21 A. Delmarva employs a number of methods that help it offset the fixed cost of
22 pipeline transportation and storage capacity, the most significant being off-system sales
23 and capacity release transactions. Delmarva enters into these short term transactions to

1 sell pipeline or storage capacity not needed to serve its Firm sales customers. Typically,
2 the term of the off-system sales transactions are either monthly or daily. Capacity release
3 arrangements are most commonly done for a seasonal term (e.g., Nov. – Mar. or Apr. –
4 Oct.) or for a term of one year. In entering into these transactions, Delmarva seeks to
5 obtain at least market value for such pipeline transportation and storage capacity.

6 For the forecasted GCR Application Period, as shown on line 210 of Schedule
7 JBJ-3, Delmarva estimates it will achieve \$5,071,042 in gross margins from off-system
8 sales and capacity release transactions. Delmarva expects to continue to capitalize on
9 spread differentials between supply sources and the market area to earn off-system sales
10 margins, and expects to achieve value from releasing pipeline capacity on a monthly and
11 seasonal basis.

12 Delmarva continually evaluates its transportation and storage portfolios in an
13 effort to reduce costs while maintaining reliability. Delmarva also monitors and
14 intervenes in pipeline rate cases, as necessary, in an effort to mitigate the financial impact
15 of such rate cases.

16
17 **18. Q: How does Delmarva's Firm supply deliverability compare with forecasted**
18 **design-day customer demand?**

19 A: Delmarva's Firm supply deliverability for the 2015-2016 GCR Application
20 Period is 183,485 MCF (Line 22, Column 2, Schedule JBJ-1), which is 4.5% higher than
21 the projected design-day requirement of 175,158 MCF shown on Schedule JBJ-5.
22 Schedule JBJ-5, Firm Deliverability Versus Design Day, depicts how Delmarva expects
23 its design-day reserve to change over the next three years based on its most recent

1 strategic planning. The Schedule indicates that the reserve margin is 4.5% in the current
2 GCR year which is reduced to 2.5% by the end of 2019. This reduction is a result of the
3 modest projected yearly growth of demand (<1%) and a fixed supply portfolio assumed in
4 the Gas Supply Plan. Delmarva continues to monitor the development of new interstate
5 pipeline projects to determine if any of these would support its Strategic Gas Supply Plan.
6

7 **19. Q: Does Delmarva regularly evaluate its pipeline and storage assets for possible**
8 **reductions, additions or changes in composition?**

9 **A:** Delmarva continually reviews its portfolio of pipeline and storage assets for
10 possible changes in its composition. Schedule JBJ-6 is a listing of Delmarva's pipeline
11 and storage assets along with expiration dates, evergreen provisions "stay period", and
12 the first date that Delmarva can make a decision to renew or terminate assets, in timeline
13 format. This Schedule has been used in addition to other data to evaluate its pipeline and
14 storage assets.

15 Delmarva does not plan to add any new pipeline or storage assets in the 2015-
16 2016 GCR Year. Delmarva does intend to renew the following contracts: Tetco
17 (Contracts 870018 & 800475), ESNG (Contracts 050072 & 010043), Panhandle (13321)
18 and Transco (Contracts 90008008, 1003684 & 1011993). These renewals are noted on
19 Schedule JBJ-6 as Decision Dates, and are a combination of automatic renewals and
20 formal notice renewals.
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1 **20. Q: Has Delmarva entered into any new Asset Management Agreements for any part**
2 **of its portfolio?**

3 **A:** No.

4 **21. Q: Will Delmarva be considering the availability of additional pipeline capacity**
5 **during the coming 2015/2016 GCR Application Period.**

6 **A:** Yes. The Company is currently evaluating the addition of 10,000 DT of Eastern Shore
7 Natural Gas (ESNG) Firm capacity. The proposed addition is needed to ensure
8 adequate supply on the southern portion of the DPL system. The Company has
9 requested that ESNG prepare a proposal to provide the additional volume. An open
10 season is anticipated in late 2015, with a tentative In-Service Date of November 2017.
11 Note that this capacity does not add to the Firm Deliverability or increase the reserve
12 margin shown in Schedule JBJ-5, but it does add deliverability to the southern portion
13 of the DPL system.

14 The Company is also evaluating the potential addition of upstream capacity
15 from Transco. Transco has a non-binding open season pending for its Grand Passage
16 Project. The Company is awaiting updated cost information from Transco to be able
17 to complete its cost analysis. Initial discussions are for 10,000 DT per day of new
18 Firm Delivered Capability to the DPL Citygate. The need for this additional capacity,
19 which would not be available until 2017 or 2018, will be largely driven by modest
20 system growth (1% per year) and the potential return of Transportation Customers to
21 bundled services. These customer migrations back to bundled service are driven by
22 falling GCR prices and potential increases in Transportation Balancing Fees over the
23 next two years resulting from the change in fees proposed in Docket No. 15-0671.

1 The Company provides updates to the Commission on a regular basis, during
2 its Quarterly Hedge Calls, regarding the status of these projects.

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4 **22. Q: Does this conclude your direct testimony at this time?**

5 **A:** Yes.

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DELMARVA POWER & LIGHT COMPANY
TESTIMONY OF KRISTIN M. McEVOY
BEFORE THE DELAWARE PUBLIC SERVICE COMMISSION
CONCERNING THE NOVEMBER 2015 THROUGH OCTOBER 2016
GAS COST RATE
PSC DOCKET NO. 15-__F

1. Q: State your name, position, and business address.

A: My name is Kristin M. McEvoy, Senior Regulatory Affairs Coordinator of Regulatory Compliance Pricing, for PHI Service Company which is a subsidiary of Pepco Holdings, Inc. the parent company of Delmarva Power and Light Company (Delmarva or the Company). My office is located at 401 Eagle Run Road, Newark, Delaware 19702.

2. Q: Please state your educational background and relevant experience.

A: I hold a Bachelor of Science degree in Finance and a Masters of Business Administration degree with an accounting concentration from Rowan University. I have been employed by PHI Service Company, the parent to Delmarva Power and Light Company (Delmarva) since October of 2006 serving in accounting and finance, and regulatory functions.

In my current role, I am responsible for the Delaware Standard Offer Service Program, the Renewable Portfolio Standard filing, the Qualified Fuel Cell Provider filings, Demand Side Management, Environmental Surcharge, Gas Cost Rate, and other related activities. In my prior accounting and finance role, I was responsible for recording all regulated revenues and managed multiple deferral

1 accounting mechanisms for the Pepco Utility, led numerous projects and served as
2 an interim supervisor providing oversight and coordination of other team
3 members' responsibilities.

4 Prior to joining PHI, I was employed by a manufacturing company for eight
5 years holding various accounting and finance positions with increasing levels of
6 responsibility.

7 **3. Q: Have you previously testified before the Delaware Public Service**
8 **Commission?**

9 A: Yes. I previously testified in the Delaware Standard Offer Service SOS-
10 PCA-RARM-RPS filings, PSC Docket Nos. 04-391 and 14-144.

11 **4. Q: What is the purpose of this testimony?**

12 A: The purpose of my testimony is to support Delmarva's Application for a
13 change to the Gas Cost Rate (GCR) to be effective with usage on and after
14 November 1, 2015, with proration, and subject to refund after final Commission
15 approval. As detailed further in the Application, Delmarva's request is to reduce
16 the GCR for residential customers by approximately 26.3%, from 53.563¢/CCF to
17 39.467¢/CCF. The effect of this proposed decrease on a residential space heating
18 customer, using 120 CCF in a winter month, would be a decrease of \$16.92 on a
19 typical winter monthly bill. The proposed GCR decrease will result in a 12.9%
20 decrease in a customer's total bill from \$130.96 to \$114.04. The GCR for other
21 customer classes is fully addressed in the Application.

22 My pre-filed testimony supports the calculation of the GCR as required by
23 the Gas Service Tariff, which is summarized on Schedule KMM-1, Page 1.

1 Calculation of the proposed GCR factors is based on the gas sales forecast
2 sponsored by Witness Brielmaier, as well as the delivered cost of purchased gas,
3 the average pipeline rate, off-system sales and capacity release estimates, and
4 system design day load, all sponsored by Witness Jacoby. My testimony was
5 prepared by me or under my direct supervision. The source documents for my
6 testimony are Company records. I also rely on my personal knowledge and
7 experience.

8 My testimony specifically addresses the following matters:

- 9 1. The development of the GCR based on the Gas Service Tariff;
- 10 2. The audit of the 2014-2015 GCR year;
- 11 3. The Balancing Charge rate applicable to Gas Transportation Customers;
12 and
- 13 4. The status of compliance with the provisions of the Settlement
14 Agreement approved by Commission Order No. 8767 in PSC Docket
15 No. 14-0295F.

16 **5. Q: Does Delmarva propose any change in the method for calculating the 2015-**
17 **2016 GCR?**

18 **A.** Yes. Pursuant to the Settlement Agreement in Docket No. 14-295F
19 approved in PSC Order No. 8767, the Company has eliminated the
20 Average/Excess Method of allocating demand expenses between the various GCR
21 customer classes, and the associated rate design based on Maximum Daily
22 Quantity which was applied to MVG and LVG Customers. There will no longer be
23 a separate allocation of demand costs to RG, GG, MVG and LVG Customers, nor

1 will there be different rate designs applied to different customer classes. All
2 demand rates for Firm Full Requirements Customers are based on a volumetric
3 rate design as set forth in this Application.

4 **6. Q: Please compare the proposed 2015-2016 GCR to the current rate.**

5 **A:** The GCR components applicable to Firm Sales Customers, compared with
6 the currently effective Gas Cost Rate factors, are shown below:

7 **GAS COST RATE**

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	Current	Proposed	Change
RG, GG, and GL	53.563¢/CCF	39.467¢/CCF	(14.096)¢/CCF
LVG and MVG	N/A	\$1.7022/MCF	N/A
LVG and MVG Demand	\$9.8132/MCF of MDQ	N/A	N/A
Non-Electing MVG Commodity	\$3.5695/MCF	\$2.2445/MCF	(\$1.3250)/MCF
LVG and Electing MVG Commodity	Varies Monthly	Varies Monthly	N/A

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12 The 2015-2016 calculation of the GCR factors is summarized on Schedule
13 KMM-1, Page 1 of 3. Calculations which support the Commodity Cost Rate (CCR)
14 factors appear on Schedule KMM-1, Page 2. Derivation of the Demand Cost Rate
15 (DCR) factors is shown on Schedule KMM-1, Page 3. The details of the
16 calculation of Off-System Sales and Capacity Release Margins are itemized on
17 Schedule KMM-2. Schedule KMM-3 includes the derivation of the Demand
18 Expense True-up for the prior GCR period. Schedules KMM-4 through 6, and
19 KMM-9, contain the Recovery Schedules and the associated interest calculations
20 based on actual information for the 2014-2015 GCR period, (9+3) for the current
21 GCR period. Schedules KMM-7 and KMM-8 contain comparisons of sales and

1 recoverable fuel costs. The presently effective DCR factor applicable to MVG and
2 LVG Customers and the current CCR and DCR factors applicable to RG and GG
3 Customers were approved, by Commission Order No. 8767, in Docket No. 14-
4 0295F. These rates became effective with usage on and after November 1, 2014,
5 with proration.

6 7. **Q: Please explain the derivation of the estimated firm gas expenses for the**
7 **period November 2015 through October 2016.**

8 A: The total estimated gas expenses for the upcoming GCR period are
9 sponsored by Witness Jacoby on Schedule JBJ-3. Estimated gas costs associated
10 with Company Use are credited against total estimated gas commodity costs in
11 their entirety. Transition Charge revenue from customers who switch from Firm
12 Sales to Transportation Service and Balancing Charges are all credited against
13 estimated gas demand expenses at 100% of their value. Margins related to
14 Interruptible Transportation are shared with customers on an 80%/20% basis, with
15 80% returned to Firm Customers through revenue credits, and 20% retained by
16 Delmarva.

17 Margins from Capacity Release and Off-System Sales are credited to the
18 GCR at 100% until a total credit of \$3.0 million is reached for the 12-month period
19 ending every June. Once the \$3.0 million threshold is met, the margins are then
20 shared at the 80%/20% level until the following July.

1 **8. Q: Please explain how the revenue credits for service to Interruptible Gas**
2 **Transportation Customers were developed.**

3 **A:** Margins associated with Interruptible Gas Transportation Customers are
4 shared on an 80%/20% basis, with 80% credited to Firm Full Requirements
5 Customers through development of the Demand Factor for the GCR. These
6 margins include customer charges and delivery charges incurred by those
7 customers.

8 **9. Q: Please discuss the gas costs and recoveries for the current November 2014**
9 **through October 2015 GCR period.**

10 **A:** The monthly comparison of actual gas cost and recovery for the period
11 November 2014 through July 2015, and estimated gas cost and recovery for the
12 period August 2015 through October 2015, are shown in Schedule KMM-5, Pages
13 1 and 2. Firm gas costs and recoveries have been compared for each of those
14 months to determine the monthly over or under-recovery of gas costs.

15 Schedule KMM-5, Page 1 shows the projected over-recovery balance of
16 \$5,336,515 (exclusive of interest) of estimated recoverable gas expenses, which is
17 based on nine months of historical data and three months of updated revenue
18 estimates prepared for this Application. The Adjusted Deferred Fuel Balance on
19 November 1, 2014 was an under-recovery of \$423,419.

20 **10. Q: Please discuss the interest calculation.**

21 **A:** As specified in Leaf No. 36 of Delmarva's Gas Service Tariff, interest in the
22 amount of \$138,905 was calculated based on the average monthly gas deferred fuel
23 balances, at the rate of 1/12 of the applicable FERC Natural Gas Interest Rate Factor

1 3.25%, for GCR period 2014-2015, which is available on the FERC website. In
2 months where the Average Over-Recovery Balance is in excess of 4 1/2% of the
3 Total Recoverable Fuel Expense, the excess balance is subject to an additional 2%
4 interest charge which is added at the rate of 1/12 to the applicable FERC Natural Gas
5 Interest Rate Factor. The interest calculation for the 2014-2015 GCR period is based
6 on nine months of historical data and three months of updated estimates prepared for
7 this Application, and is detailed on Schedule KMM-6.

8 **11. Q: Please describe the derivation of the proposed Commodity and Demand Cost**
9 **Rate factors for the 2015-2016 GCR Application Period.**

10 **A:** Two steps derive the Commodity Cost Rate (CCR) factors for Delmarva's
11 Firm Customers. First, total estimated firm commodity costs are allocated between
12 Annual CCR (RG, GG, GL, and Non-Electing MVG Customers) and Monthly
13 CCR (LVG and Electing MVG) Customers. The same method was used in prior
14 GCR applications to calculate the estimated commodity costs to be assigned to the
15 Monthly CCR Customers by setting the commodity portion each month at the
16 system Weighted Average Commodity Cost of Gas (WACCOG) projected for that
17 month (as adjusted for lost and unaccounted-for-gas). This method sets monthly
18 commodity revenues equal to expenses for Monthly CCR Customers. All
19 remaining estimated firm commodity expenses are assigned to the Annual CCR
20 Customers. During the 2014-2015 GCR Period, there were no LVG or Electing
21 MVG Customers on Delmarva's system. The Gas Sales Forecast sponsored by
22 Witness Brielmaier also does not include any customers in these classes.
23 Subsequently, the step involving direct assignment of costs to Monthly WACCOG

1 pricing customers is unnecessary. Should any of these customers return to Full
2 Requirements from Transportation, or should a new customer belonging in the
3 LVG or Electing MVG classes come on the system, they will receive the Monthly
4 WACCOG as it is still calculated and published by the Company. The GCR for all
5 remaining customers will remain unchanged until the filing of the next GCR
6 application.

7 Firm gas demand expenses are recovered through a volumetric DCR factor,
8 where total recoverable costs are divided by the aggregate amount of the Firm Full
9 Requirements GCR forecast sales sponsored by Witness Brielmaier. The
10 calculation of the volumetric DCR factor appears on Schedule KMM-1, Page 3.

11 **12. Q: Please discuss the demand cost true-up included in the calculation of the**
12 **Demand Cost Rate factors for both volumetric and non-volumetric customers.**

13 **A:** A true-up of demand-related cost differences has been applied to all Sales
14 Customers. This true-up is achieved by comparison of the estimated monthly
15 demand costs and the actual demand costs for the period of August 2014 through
16 July 2015. The cumulative monthly variance is multiplied by 1/12 of the FERC
17 Gas Refund Rate then in effect. The total true-up (variance plus interest) of
18 \$382,648 is allocated among the volumetric and non-volumetric customers in the
19 development of the volumetric and non-volumetric DCR factor calculations. This
20 calculation appears on Schedule KMM-3.

21 **13. Q: Please describe Schedules KMM-7 through KMM-9.**

22 **A:** Schedule KMM-7 details actual and estimated monthly sales for the twelve
23 months ended October 31 in 2014, 2015, and 2016. Schedule KMM-8 compares

1 the actual and estimated gas costs and regulatory credits for the twelve months
2 ended October 31 in 2014, 2015, and 2016. Schedule KMM-9 provides the actual
3 recovery results for the twelve-month reconciliation period ended July 31, 2015.

4 **14. Q: Please describe the status of the 2014-2015 GCR audit.**

5 A: Delmarva's Internal Audit Department is in the process of completing the
6 audit for Delmarva Power & Light Report on the Comparison of Gas Expense and
7 Recovery for the year ended 2014 (Report). This audit includes the review of a
8 sampling of customer billing and both regulatory and accounting records
9 concerning sales, gas costs and gas cost revenue. The audit procedures and results
10 will be reviewed by PriceWaterHouseCoopers, LLP in order for them to issue an
11 opinion that the Report is presented fairly in all material respects. The final Report
12 will be filed with the Commission by October 31, 2015.

13 **15. Q: Did the Company propose a change in the methodology for calculating the**
14 **Gas Transportation Balancing Charge in the future?**

15 A: Yes, pursuant to the terms of the Settlement Agreement in Docket No. 13-
16 349F, approved by the Commission in Order No. 8578, the Company agreed to
17 submit a regulatory filing in which it proposed changes to the methodology for
18 calculating balancing fees associated with the GCR in response to questions raised
19 by Jerome Mierzwa, consultant to PSC Staff and the Delaware Public Advocate.
20 The application (now Docket No. 15-0671) was filed on February 2, 2015 setting
21 forth the Company's proposal to eliminate the current balancing fee and replace it
22 with a new balancing fee as well as a pressure support fee. The specifics of the
23 proposed fees are further outlined in the application filed in that docket.

16. Q: Please discuss the Gas Transportation Balancing Charge that is part of the 2015-2016 GCR.

A: The Company is proposing a change to the balancing charge rate based on the current methodology used for calculating the balancing charge. This change is proposed to remain in effect for the 2015-2016 GCR. The development of the 2015-2016 Balancing Charge is set forth in Schedule KMM-10.

17. Q: Please summarize the GCR factors proposed for the 12-month period beginning November 1, 2015.

A: The proposed GCR factors applicable to volumetric customers for the 2015-2016 GCR period are based on the following amounts:

	<u>Commodity</u>	<u>Demand</u>	<u>Total</u>
Estimated Firm Gas Costs for the 2015/2016 GCR period	\$34,442,908	\$22,234,900	\$56,677,808
Estimated Over-Recovery Position at 10/31/15	(\$5,336,515)	N/A	(\$5,336,515)
True-Ups and Timing Differences	(\$153,740)	(\$382,648)	(\$536,388)
Interest	(\$138,905)	N/A	(\$138,905)
Subtotal	\$28,813,748	\$21,852,252	\$50,666,000
Monthly CCR Factor Credit	—	—	—
MVG/LVG DCR Factor Credit	<u>N/A</u>	<u>\$0</u>	<u>\$0</u>
Volumetric Expenses	\$28,813,748	\$21,852,252	\$50,666,000
Estimated 2015-2016 GCR Period Sales(MCF)	12,837,624	12,837,624	N/A
Volumetric Gas Cost Rate	<u>\$2.2445/MCF</u>	<u>\$1.7022/MCF</u>	<u>\$3.9467/MCF</u>

1 **18. Q: What are the components of the GCR?**

2 **A.** The GCR is comprised of the following components:

Commodity Related Items 2015-2016	\$2.6710
Demand Related Items 2015-2016	\$1.7022
Over-Recovered Balance	(\$0.4265)
Gas Cost Rate Proposed 2015-2016	\$3.9467

3
4 The Commodity component is primarily composed of the cost of natural gas
5 as quoted by the NYMEX on August 10, 2015. The Demand component is the
6 unit cost of Delmarva's transportation and storage assets. Transportation assets
7 needed to deliver natural gas to the Delmarva's city gate for customer
8 consumption and storage assets are necessary for reliability. The Commodity and
9 Demand components are described in Witness Jacoby's testimony. The Over-
10 Recovered balance is carried over from the prior GCR period.

11 **19. Q: What will be the effect of the proposed GCR on customers' bills?**

12 **A:** The effect of the proposed GCR on a residential space heating customer,
13 using 120 CCF in a winter month is summarized as follows:

14

Bill Component	Base Rates and Current GCR	Base Rates and Proposed GCR	% Change
Base Rate	\$66.68	\$66.68	0%
GCR	\$64.28	\$47.36	(26.3)%
Total Bill Amount	\$130.96	\$114.04	(12.9)%
\$ Decrease		\$16.92	

15
16
17 Gas costs included in the proposed GCR represent approximately 42% of
18 the total bill amount under the proposed GCR.

19 Customers served on service classification GG will experience a decrease
20 on their winter bills between 5.9% and 16.3%. Customers served on service

1 classification MVG will experience a decrease on their winter bills between 0.8%
2 and 12.0%. The amount of the decrease will depend upon their load and usage
3 characteristics.

4 **20. Q. Please provide an update on the status of compliance with the terms of the**
5 **Settlement Agreement approved in Docket No. 14-0295F, per Order No.**
6 **8767.**

7 A. Delmarva will continue to execute its Natural Gas Hedging Program as
8 discussed in Witness Jacoby's testimony. The investigation of the lost and
9 unaccounted-for-gas (LAUF) issue has been completed and is discussed in
10 Witness Brielmaier's testimony. Delmarva has eliminated the separate allocation
11 of demand costs to RG, GG and MVG Customers as discussed in Question 5.
12 Delmarva also continues to regularly evaluate its pipeline capacity and storage
13 portfolio with the goal of mitigating increases in fixed costs.

14 **21. Q: Please reference the tariff revisions proposed by Delmarva in this filing.**

15 A: Included with the application, are the following P.S.C. Del. No. 5 - Gas
16 tariff leafs, red-lined to show the modifications required by the Gas Service Tariff:

- 17 • 4th Revised Leaf No. 32
- 18 • 3rd Revised Leaf No. 33
- 19 • 2nd Revised Leaf No. 35
- 20 • 4th Revised Leaf No. 36
- 21 • 60th Revised Leaf No. 37
- 22 • 56th Revised Leaf No. 38
- 23 • 32nd Revised Leaf No. 39

1 • 3rd Revised Leaf No. 41

2 **22. Q: What is Delmarva requesting of the Commission in this filing?**

3 **A:** Delmarva respectfully requests that the Commission:

4 1. Approve the proposed Gas Cost Rate factors to become effective with
5 usage on and after November 1, 2015, with proration.

6 2. Approve the proposed balancing charge for the November 2015 –
7 October 2016 GCR period.

8 3. Approve changes to Tariff Leaf No. 41 to become effective November 1,
9 2015.

10 **23. Q: Does this conclude your pre-filed direct testimony?**

11 **A:** Yes, it does.

1 **DELMARVA POWER & LIGHT COMPANY**
2 **TESTIMONY OF ROBERT W. BRIELMAIER**
3 **BEFORE THE DELAWARE PUBLIC SERVICE COMMISSION**
4 **CONCERNING THE NOVEMBER 2015 THROUGH OCTOBER 2016**
5 **GAS COST RATE**
6 **PSC DOCKET NO. 15 - ____F**

7 **1. Q: Please state your name, position and business address.**

8 A: Robert W. Brielmaier, Manager of Gas Operations, Delmarva Power & Light
9 Company (Delmarva or the Company). My business address is 630 Martin Luther
10 King Boulevard, PO Box 231, Wilmington, Delaware 19899-0231.

11 **2. Q: What are your responsibilities in your role as Manager of Gas Operations?**

12 A: As the Manager of Gas Operations, I oversee the day-to-day delivery of natural
13 gas to Delmarva's customers. I am responsible for the operation of Delmarva's Gas
14 Operations Control Room, its Liquefied Natural Gas Plant (LNG) and its gate and
15 regulator stations. I am also responsible for related gas business, regulatory and
16 system planning activities, including relationships with Delmarva's pipeline
17 suppliers.

18 **3. Q: What is your educational and professional background and experience?**

19 A: I am a graduate of Rutgers University with a Bachelor's Degree in Business
20 Administration. I have been employed by Delmarva since 1982, serving in various
21 supervisory and management capacities including Gas Customer Service, Gas
22 Engineering, Gas Construction and Maintenance, and Gas Operations.

23

1 **4. Q: Have you previously testified before the Delaware Public Service Commission?**

2 **A:** Yes. I have provided testimony before the Delaware Public Service Commission
3 (DEPSC) in the Annual Gas Cost Rate cases from 2010 through the present case. I
4 also provided testimony in Docket 11-362 concerning new tariff provisions for
5 Qualified Fuel Cell Providers.

6 **5. Q: What is the purpose of your testimony?**

7 **A:** The purpose of my testimony is to support Delmarva's Application for revisions
8 to the Gas Cost Rate (GCR) proposed to be effective during the period November
9 2015 through October 2016. My testimony will address the overall development of
10 Delmarva's gas sales, transportation and sendout volume forecasts, and the lost and
11 unaccounted for gas percentage applicable to Delmarva's firm bundled sales and
12 transportation customers utilized in the calculation of the proposed GCR. [REDACTED]

14 [REDACTED] In addition, I will
15 discuss the need to change the Delmarva Gas Tariff (Tariff) to address concerns about
16 the ability to provide gas supply for Transportation customers who may want to
17 migrate back to the Sales Service classification. I will also address the Company's
18 annual Natural Gas Communications Plan and Budget Billing. My testimony was
19 prepared by me or under my direct supervision and control. The source documents for
20 my testimony are Company records. I also rely upon my personal knowledge and
21 experience.

1 **6. Q: What level of sales does Delmarva forecast for the 2015-16 GCR period?**

2 **A:** As shown on Schedule RWB-1, for the 2015-16 GCR period, Delmarva
3 forecasts Firm Bundled Sales of 12,837,624 MCF. Firm Transportation volumes are
4 forecast at 6,298,077 MCF, resulting in total Firm Throughput of 19,135,701 MCF.

5 **7. Q: Please summarize the comparison between the current forecast results and**
6 **the forecast filed with the Commission in Docket 14-295-F?**

7 **A:** As shown on Schedule RWB-1, forecasted Firm Bundled Sales increased by
8 6.2%, Firm Transportation increased by 1.7%% and Firm Throughput increased by
9 4.8%. The increase in the firm bundled sales forecast is primarily attributable to a
10 6.7% increase in Residential Space Heating (RSH) sales and a 5.9% increase in
11 Commercial (GG) sales. The increase in the Firm Transportation sales forecast is
12 attributable to a 3.4% increase in Large Volume Firm Transportation (LVFT) sales.
13 Compared to last year's GCR forecast, the following firm service customer classes
14 reflect increased sales for the upcoming GCR period: RES (+10.0%), RSH (+6.7%),
15 GG (+5.9%) and LVFT (+3.4%) . The customer class forecasts showing a decrease
16 over the prior period are: MVG (-8.8%), GVFT (-3.9%) and MVFT (-0.3%), LVFT (-
17 9.2%), MVIT (-2.2%) and LVIT (-33.6%).

18 During the time period August 2014 through July 2015, fifty-three (53) Large
19 Volume or Transportation customer changes occurred. These included changes to
20 customer maximum daily quantities (MDQ), facility closings or additions, and rate
21 class changes. Most of the changes were increases to customer MDQ's (38 of 53) due
22 to the cold winter weather. There was no net change in the customer counts for the

various Large Volume and Transportation customer rate classes. The totals by class are shown below:

Large Customer Counts by Rate Class

	MVG	LVG		GVFT	MVFT	LVFT		MVIT	LVIT
August 2014	14	0		91	45	15		5	4
July 2015	14	0		91	43	15		5	4
Change	0	0		0	-2	0		0	0

8. Q: Please describe the forecast methodology utilized this year.

A: The forecast continues to use the methodology utilized in prior years, specifically, multi-variant econometric models for the projection of sales and customer growth for the Residential, Residential Space Heat, and General Gas rate customers. These rate classes generally are designated as the “small” customer classes. The volumes for MVG, LVG and GL were projected deterministically, on a customer by customer basis. Monthly sales patterns for specific customers were adjusted to reflect any recent customer information. The adjustments made include contract, production, or maintenance schedule changes, load additions or subtractions, or other adjustments particular to each customer’s activity. Monthly sales in the Firm and Interruptible Gas Transportation classes respectively (“FT”, “IT”) were developed in the same manner.

9. Q: How was normal weather defined?

A: The 30-year average of monthly Heating Degree Days (HDD) on a 65 degree Fahrenheit basis was used consistent with Commission Order No. 6327 in PSC Docket No. 03-127. The HDD history is based on NOAA weather data collected at

1 the "Wilmington" site located at New Castle County Airport, New Castle, Delaware.
2 The historic methods of using normal temperature data to estimate sales continue in
3 use for this forecast.

4 **10. Q: Please describe the development of the system's gas requirements forecast.**

5 A: Firm sendout is based upon (a) a monthly forecast of firm billed sales, adjusted
6 for (b) company use, (c) a 2.5% factor for lost and unaccounted for gas and (d)
7 cycle billing effect. Schedule JBJ-3 presents the firm sales, company use, lost and
8 unaccounted for and cycle billing estimates on lines 2, 3 and 4.

9 **11. Q: Does the applied loss factor represent a change from the 2014-15 GCR filing?**

10 A. No, the loss factor remains the same at 2.5%.

11 **12. Q: Has there been any change to the methodology used by the Company to calculate**
12 **the loss factor in this filing?**

13 A. No, the calculation methodology used this year is the same as that used in
14 Docket No. 14-0295F.

15 **13. Q: Please explain why the Company has used a 2.5% loss factor in this annual GCR**
16 **application?**

17 A. The proposed 2.5% loss factor was derived by calculating lost and unaccounted
18 for gas for 12 month, 24 month, and 36 month periods, ending June 30, 2015. ■

19 ■

20 ■

21 ■

22

23

1 14. Q: Did Delmarva incur any Pipeline penalties during the period August 2013
2 through July 2014?

3 A: No.

4 15. Q: [REDACTED]
5 [REDACTED]
6 [REDACTED]
7 [REDACTED]
8 [REDACTED]
9 [REDACTED]
10 [REDACTED]
11 [REDACTED]
12 [REDACTED]
13 [REDACTED]
14 [REDACTED]
15 [REDACTED]
16 [REDACTED]
17 [REDACTED]
18 [REDACTED]
19 [REDACTED]
20 [REDACTED]
21 [REDACTED]

- 1 16. [REDACTED]
2 [REDACTED]
3 [REDACTED]
4 [REDACTED]
5 [REDACTED]
6 [REDACTED]
7 [REDACTED]
8 [REDACTED]
9 [REDACTED]
10 [REDACTED]
11 [REDACTED]
12 [REDACTED]
13 17. [REDACTED]
14 [REDACTED]
15 [REDACTED]
16 [REDACTED]
17 [REDACTED]
18 [REDACTED]
19 [REDACTED]
20 18. [REDACTED]
21 [REDACTED]
22 [REDACTED]
23 [REDACTED]

1

2

3

4

5 **19. Q: Please explain the Company's proposal to modify the Tariff?**

6 **A:** The Company proposes to adopt new language in Section A. (Availability) Leaf
7 41 of its Tariff pertaining to the General Gas Sales Service (GG) classification. The
8 proposed language is consistent with the language already included in the Tariff Leaf
9 43 pertaining to the Medium Volume Gas Sales Service (MVG) and Tariff Leaf 46
10 pertaining to Large Volume Gas Sales Service (LVG) classifications. The language
11 makes the availability of gas sales service to those taking service under non-core or
12 Transportation Service "subject to availability of the Company's gas supply and
13 adequate gas transmission and distribution system capabilities".

14 **20. Q: Why does the Company now propose to expand this language to the GG service**
15 **classification?**

16 **A:** It is first important to recognize that due to customer migration from the
17 General Gas Sales Service (GG) classification to the General Volume Firm
18 Transportation Service (GVFT) classification that has occurred over the last five (5)
19 years as a result of relatively higher GCR rates, the throughput of the GVFT class is
20 now significant enough to impact the Company's gas supply should they migrate
21 back. Absent the opportunity to assess the adequacy of its gas supply portfolio to
22 handle the migration of GVFT customer(s) from Transportation Service to Sales
23 Service, the Company could be faced with inadequate gas supply for its GCR

1 Customers on peak days. Faced with inadequate supply, the Company would be
2 forced to go into the market on those peak days and pay very high gas prices to
3 acquire the needed supply, which would ultimately be borne by the GCR customers.
4 There is also the potential that gas supply would not be available at any price and that
5 the Company would have to take gas while under gas pipeline operational flow orders
6 (OFO's). Taking gas in excess of contracted gas supply contracts during OFO's
7 results in penalties which are designed to be exorbitant in order to discourage
8 overruns and protect the system integrity of the pipelines. Again, these higher costs
9 would be borne by the GCR customers.

10 **21. Q: When does the Company propose to make this revision to the General Gas Sales**
11 **Service tariff leaf effective?**

12 **A:** The Company requests that this tariff revision become effective with the
13 interim approval of the new GCR rates on November 1, 2015. The Company requests
14 expedited approval to ensure that its gas supply for GCR Customers is adequate for
15 the 2015-2016 GCR Application Period.

16 **22. Q: Please discuss the Company's Annual Customer Communication Plan?**

17 **A:** The Company has updated its annual Natural Gas Communications Plan
18 (Plan) to be shared with Staff and the DPA prior to the beginning of the heating
19 season. The Plan serves as an outline of actions the Company will take to inform
20 customers about the GCR and to educate them as to how to take control of their
21 energy use, including ways to save energy and money. Activities in the Plan include
22 various forms of communications and customer education such as website messaging,
23 customer newsletter messaging, community speakers bureau meetings, on-line home

1 energy audit tools ("My Account"), and employee education programs. The Plan also
2 includes a timetable for meeting with various interest groups who serve the needs of
3 people who are most affected by the cost of energy. In addition to the
4 aforementioned, the Plan also discusses activities planned to continue the promotion
5 the Company's Budget Billing Program (Program).

6 **23. Q: Please discuss the status of the Budget Billing Program.**

7 A: As of July 31, 2015, the Company had 128,639 gas customers of which
8 13,800 or approximately 11% were enrolled in the Program. The Plan includes a
9 series of activities designed to raise Customers' awareness of the Program. Activities
10 in the Plan include bill inserts which contain information about budget billing and
11 how to enroll. Budget billing information can be found on delmarva.com. This
12 information educates customers about the Program and enables customers to enroll
13 on-line or provides direction to contact Customer Care for assistance. Winter energy
14 conservation information will also be included in the customer newsletter along with
15 information about how to sign up for the Program. Customers will also be
16 encouraged to learn more about budget billing at community meetings and various
17 Speakers Bureau events throughout the fall and winter heating season as a way to
18 help manage their energy costs by spreading the costs of higher winter usage over a
19 12 month period. Our call center representatives are also trained to offer budget
20 billing to customers who contact the call center with concerns with the amount of
21 seasonal bills. There is also an "on-hold" message promoting budget billing which
22 plays while a customer is on-hold with a customer care representative.

1 The Company continues to support/sponsor such programs as the Good
2 Neighbor Energy Fund. The Company's Customer Services processes also continue
3 to offer our customers flexible payment arrangements to help them better manage
4 payment requirements.

5 **24. Q: Does this conclude your pre-filed direct testimony?**

6 **A:** Yes, it does.

Schedules

DELMARVA POWER & LIGHT COMPANY
PORTFOLIO OF FIRM TRANSPORTATION AND STORAGE SERVICES
WINTER 2015-16 GCR PERIOD

Schedule JBJ-1

	(1)	(2)	(3)	(4)	(5)	
		Contract Number	Daily (Mcf)	Annual (Mcf)	Contract Expiration	Adjusted Daily (Mcf)
1	Firm Transportation					
2	Transco Sentinel FT	9076492	24,155	8,816,575	5/20/2029	24,155
3	Transco FT '	1003684	54,800	20,002,000	3/31/2019	54,800
4	Transco FT '	1011993	4,831	1,763,315	3/31/2017	4,831
5	Columbia FTS	49832	3,342	1,219,830	10/31/2018	3,342
6	Columbia FTS	49833	3,343	1,220,194	10/31/2018	3,343
7	Columbia FTS	80724	19,324	7,053,260	10/31/2019	19,324
8	TETCO FT-1	800475	9,662	3,526,630	10/31/2020	9,662
9			119,457	43,601,804		119,457
10						
11	Firm Storage					
12	Transco GSS	1000854	28,420	2,056,961	3/31/2023	28,420
13	Columbia FSS	80723	9,768	504,202	3/31/2020	9,768
14	Transco LNG	9010117	840	6,970	3/31/2020	840
15			39,028	2,568,133		39,028
16						
17	Subtotal Firm Capacity Available		158,485	46,169,937		158,485
18						
19	Supplemental Supply					
20	Delmarva LNG		25,000	250,000		25,000
21						
22	Total Firm Peak Day Planned Capacity		183,485	46,419,937		183,485

Notes:

¹ Contract has no date of termination and is an evergreen contract at DPL's Option

DELMARVA POWER & LIGHT COMPANY
FIRM TRANSPORTATION & STORAGE CONTRACT PORTFOLIO
SUMMARY OF PROJECTED FIXED GAS COSTS
2015-16 GCR PERIOD

Schedule JBJ-2

(1)	(2)	(3)	(4)	(5)
PIPELINE CAPACITY & SUPPLY	CITYGATE MDQ	2015-2016 PROJECTED COSTS	2014-2015 PROJECTED COSTS	VARIANCE (3) - (4)
<u>FIRM TRANSPORTATION SERVICES</u>				
1 TRANSCO FT	54,800	\$9,916,615	\$9,846,038	\$70,577
2 COLUMBIA FTS	26,009	\$1,980,504	\$1,960,128	\$20,376
3 TRANSCO SENTINEL FT	24,155	\$5,042,203	\$5,025,415	\$16,788
4 TETCO, TRUNK & PEPL	9,662	\$1,829,813	\$1,795,423	\$34,389
5 TRANSCO LEIDY-LINE FT	4,831	\$239,551	\$238,290	\$1,261
6 GULF FTS-1 & FTS-2		\$1,161,598	\$1,161,586	\$12
7 EASTERN SHORE FT365		\$4,031,520	\$3,906,660	\$124,860
8 EASTERN SHORE T - 1		\$66,456	\$66,432	\$24
9 EASTERN SHORE E-3 SURCHARGE		\$96,018	\$288,053	(\$192,036)
10 TRANSCO SENTINEL METER UPGRADE		\$470,131	\$468,846	\$1,285
11 SUBTOTAL	119,457	\$24,834,408	\$24,756,872	\$77,537
12				
<u>13 STORAGE & SEASONAL SERVICES:</u>				
14 TRANSCO GSS	28,420	\$1,498,488	\$1,491,398	\$7,090
15 COLUMBIA FSS	9,768	\$362,448	\$364,044	(\$1,596)
16 COLUMBIA SST		\$542,394	\$536,658	\$5,736
17 TRANSCO ESS		\$461,809	\$460,559	\$1,250
18 TRANSCO WSS		\$194,585	\$194,053	\$532
19 SUBTOTAL	38,188	\$3,059,724	\$3,046,712	\$13,012
20				
<u>21 SUPPLEMENTAL PEAKING SERVICES:</u>				
22 TRANSCO LNG	840	\$28,759	\$28,673	\$86
23 DELMARVA LNG	25,000	\$0	\$0	\$0
24 SUBTOTAL	25,840	\$28,759	\$28,673	\$86
25				
26 TOTAL	183,485	\$27,922,891	\$27,832,257	\$90,635
27				0.33%

DELMARVA POWER & LIGHT COMPANY
FIRM TRANSPORTATION & STORAGE CONTRACT PORTFOLIO
SUMMARY OF PROJECTED FIXED GAS COSTS
2015-16 GCR PERIOD

Schedule JBJ-2

	(1)	(2)	(3)	(4)	(5)	
	PIPELINE CAPACITY & SUPPLY	CITYGATE MDQ	2015-2016 PROJECTED COSTS	2014-2015 PROJECTED COSTS	VARIANCE (3) - (4)	
<u>FIRM TRANSPORTATION SERVICES</u>						
1	TRANSCO FT	54,800	\$9,916,615	\$9,846,038	\$70,577	
2	COLUMBIA FTS	26,009	\$1,980,504	\$1,960,128	\$20,376	
3	TRANSCO SENTINEL FT	24,155	\$5,042,203	\$5,025,415	\$16,788	
4	TETCO, TRUNK & PEPL	9,662	\$1,829,813	\$1,795,423	\$34,389	
5	TRANSCO LEIDY-LINE FT	4,831	\$239,551	\$238,290	\$1,261	
6	GULF FTS-1 & FTS-2		\$1,161,598	\$1,161,586	\$12	
7	EASTERN SHORE FT365		\$4,031,520	\$3,906,660	\$124,860	
8	EASTERN SHORE T - 1		\$66,456	\$66,432	\$24	
9	EASTERN SHORE E-3 SURCHARGE		\$96,018	\$288,053	(\$192,036)	
10	TRANSCO SENTINEL METER UPGRADE		\$470,131	\$468,846	\$1,285	
11	SUBTOTAL	119,457	\$24,834,408	\$24,756,872	\$77,537	
12						
13	<u>STORAGE & SEASONAL SERVICES:</u>					
14	TRANSCO GSS	28,420	\$1,498,488	\$1,491,398	\$7,090	
15	COLUMBIA FSS	9,768	\$362,448	\$364,044	(\$1,596)	
16	COLUMBIA SST		\$542,394	\$536,658	\$5,736	
17	TRANSCO ESS		\$461,809	\$460,559	\$1,250	
18	TRANSCO WSS		\$194,585	\$194,053	\$532	
19	SUBTOTAL	38,188	\$3,059,724	\$3,046,712	\$13,012	
20						
21	<u>SUPPLEMENTAL PEAKING SERVICES:</u>					
22	TRANSCO LNG	840	\$28,759	\$28,673	\$86	
23	DELMARVA LNG	25,000	\$0	\$0	\$0	
24	SUBTOTAL	25,840	\$28,759	\$28,673	\$86	\$ 13,098.00
25						
26	TOTAL	183,485	\$27,922,891	\$27,832,257	\$90,635	
27					0.33%	

DELMARVA POWER & LIGHT COMPANY
SUMMARY OF GAS DEMAND: SENDOUT (MCF)
 November 2015 - October 2016
 12 Months Estimated
 Schedule JB-J-3

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DESCRIPTION	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-15-Oct-16 GCR TOTAL
1 DEMAND													
2 FIRM BILLED SALES VOLUMES, MCF	761,808	1,625,713	2,444,472	2,414,261	2,084,497	1,328,009	668,995	381,070	286,170	224,990	263,711	375,929	12,837,624
3 CO. USE, MCF	490	952	1,183	1,105	1,110	1,279	806	483	437	259	243	272	8,619
4 Unaccounted For & Cycle Billing Adjustment	213,179	472,595	470,492	45,251	(112,769)	(346,094)	(311,782)	(134,436)	(50,795)	(14,965)	25,953	65,507	322,135
5 TOTAL FIRM SENDOUT REQUIRED, MCF	975,477	2,099,260	2,916,147	2,460,616	1,972,838	981,195	358,019	247,117	215,812	210,284	289,906	441,708	13,168,378
6													
7 FLEXIBLY PRICED GAS SUPPLY SERVICE	0	0	0	0	0	0	0	0	0	0	0	0	0
8													
9 TOTAL NON-FIRM SENDOUT REQUIRED	0	0	0	0	0	0	0	0	0	0	0	0	0
10													
11 TOTAL SENDOUT REQUIRED, MCF:	975,477	2,099,260	2,916,147	2,460,616	1,972,838	981,195	358,019	247,117	215,812	210,284	289,906	441,708	13,168,378

DELMARVA POWER & LIGHT COMPANY

SUMMARY OF GAS SUPPLY (MCF)

November 2015 - October 2016

12 Months Estimated

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DESCRIPTION	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov 15-Oct 16 GCR TOTAL
12 FIRM SUPPLY													
13 Transco FT Base	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Transco FT & PS-3 (WSS W/D)	72,464	239,614	239,614	224,155	75,863	0	0	0	0	0	0	0	851,709
15 Transco FT & PS-3 (ESS W/D)	0	43,478	43,478	43,478	511	0	0	0	0	0	0	0	130,946
16 Transco Spot / Base Load	663,228	825,184	908,782	850,152	908,810	879,479	777,366	653,875	522,295	522,892	617,746	703,195	8,833,004
17 TOTAL TRANSOCO FT SUPPLY (LESS WSS/ESS)	663,228	825,184	908,782	850,152	908,810	879,479	777,366	653,875	522,295	522,892	617,746	703,195	8,833,004
18 Columbia Base	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0
19 Columbia Swing	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0
20 Columbia Spot	0.003	207,235	798,870	512,459	374,759	310,470	86,800.00	84,000.00	86,800.00	86,800.00	84,000.00	86,800.00	2,718,993
21 TOTAL COLUMBIA FTS-1 SUPPLY	0	207,235	798,870	512,459	374,759	310,470	86,800.00	84,000.00	86,800.00	86,800.00	84,000.00	86,800.00	2,718,993
23 TEXAS EASTERN ITP SUPPLY	144,930	298,522	298,522	280,198	298,522	45,000	46,500	45,000	46,500	46,500	45,000	46,500	1,644,894
24 OTHER FIRM SUPPLY	0	0	0	0	0	0	0	0	0	0	0	0	0
25 TOTAL FIRM SUPPLY (MCF)	808,158	1,331,941	2,007,174	1,642,809	1,583,091	1,234,949	910,666	782,875	655,595	656,192	746,746	836,195	13,166,891
28 INTERRUPTIBLE SUPPLY													
29 OTHER NON-FIRM SUPPLY	0	0	0	0	0	0	0	0	0	0	0	0	0
30													
31 STORAGE													
32 GSS GROSS INJECTION TO STORAGE (INCL FUEL)	0	0	0	0	0	(118,957)	(276,574)	(267,652)	(245,843)	(245,843)	(237,913)	(221,706)	(1,614,488)
33 WSS GROSS INJECTION TO STORAGE (INCL FUEL)	0	0	0	0	0	(124,484)	(128,633)	(124,484)	(122,508)	(128,633)	(124,484)	(117,885)	(870,912)
34 ESS GROSS INJECTION TO STORAGE (INCL FUEL)	0	0	0	0	0	0	(34,075)	(34,075)	0	0	(34,075)	(29,722)	(131,949)
35 OPEN	0	0	0	0	0	0	0	0	0	0	0	0	0
36 LNG GROSS INJECTION TO STORAGE (INCL FUEL)	0	0	0	0	0	(821)	(1,553)	(1,502)	(1,553)	(1,553)	(1,502)	(1,481)	(9,964)
37 OPEN	0	0	0	0	0	0	0	0	0	0	0	0	0
38 FSS: GROSS INJECTION TO STORAGE (INCL FUEL)	0	0	0	0	0	(14,493)	(74,879)	(72,464)	(74,879)	(74,879)	(44,928)	(29,193)	(385,715)
39 IMBALANCES	0	0	0	0	0	0	0	0	0	0	0	0	0
40 TOTAL INJECT STORAGES	0	0	0	0	0	(258,754)	(515,714)	(500,178)	(444,783)	(450,908)	(442,903)	(389,787)	(3,013,028)
41 LNG INJECTED TO STORAGE	0	0	0	0	0	0	(41,932)	(40,580)	0	0	(18,937)	0	(101,449)
42 TOTAL STORAGE INJECTED	0	0	0	0	0	(258,754)	(557,647)	(540,758)	(444,783)	(450,908)	(461,840)	(399,787)	(3,114,477)
44													
45 GSS WITHDRAWN: REC'D AT CITYGATE	63,768	359,420	449,275	420,290	280,822	0	0	0	0	0	0	0	1,573,575
46 WSS WITHDRAWN: REC'D AT CITYGATE	72,464	239,614	239,614	224,155	75,863	0	0	0	0	0	0	0	851,709
47 ESS WITHDRAWN: REC'D AT CITYGATE	0	43,478	43,478	43,478	511	0	0	0	0	0	0	0	130,946
48 OPEN	0	0	0	0	0	0	0	0	0	0	0	0	0
49 LNG WITHDRAWN: REC'D AT CITYGATE	0	0	3,490	3,435	0	0	0	0	0	0	0	0	6,924
50 OPEN	0	0	0	0	0	0	0	0	0	0	0	0	0
51 FSS WITHDRAWN: REC'D AT CITYGATE	26,087	119,807	119,807	92,464	27,550	0	0	0	0	0	0	0	385,714
52 DELMARVA LNG WITHDRAWN (INCLUDING BOILOFF)	5,000	5,000	53,309	33,986	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	137,295
53 TOTAL WITHDRAWN STORAGES	167,319	767,319	908,973	817,807	389,747	5,000	5,000	5,000	5,000	5,000	5,000	5,000	3,086,164
54													
55 TOTAL NET STORAGE MCF	167,319	767,319	908,973	817,807	389,747	(253,754)	(552,647)	(535,758)	(439,783)	(445,908)	(456,840)	(394,787)	(28,312)
56 TOTAL SUPPLY AVAILABLE FOR SENDOUT	975,477	2,099,260	2,916,147	2,460,616	1,972,838	981,195	358,019	247,117	215,812	210,284	289,906	441,708	13,168,379
57 PRIOR PERIOD ADJUSTMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0
58 NET SUPPLY AVAILABLE FOR SENDOUT	975,477	2,099,260	2,916,147	2,460,616	1,972,838	981,195	358,019	247,117	215,812	210,284	289,906	441,708	13,168,379

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DESCRIPTION	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov 15-Oct 16 GCR TOTAL
59 TRANSPORTATION COMMODITY CHARGES, \$													
60 Transco Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
61 Transco FT spot	\$1,238,988	\$1,860,079	\$2,235,301	\$2,084,872	\$2,183,162	\$1,823,209	\$1,560,866	\$1,250,884	\$1,066,106	\$1,071,448	\$1,214,262	\$1,383,015	\$18,973,192
62 SUBTOTAL TRANSCO FT: COMMODITY	\$1,238,988	\$1,860,079	\$2,235,301	\$2,084,872	\$2,183,162	\$1,823,209	\$1,560,866	\$1,250,884	\$1,066,106	\$1,071,448	\$1,214,262	\$1,383,015	\$18,973,192
63 Columbia Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
64 Columbia Swing	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
65 Columbia Spot	\$0	\$677,827	\$2,719,596	\$1,739,472	\$1,251,297	\$979,256	\$273,036	\$266,468	\$278,128	\$278,869	\$269,335	\$281,276	\$9,014,560
66 SUBTOTAL COLUMBIA FTS: COMMODITY	\$0	\$677,827	\$2,719,596	\$1,739,472	\$1,251,297	\$979,256	\$273,036	\$266,468	\$278,128	\$278,869	\$269,335	\$281,276	\$9,014,560
67 TEXAS EASTERN ITP SUPPLY	\$486,316	\$1,056,380	\$1,089,306	\$1,016,915	\$1,071,552	\$152,502	\$157,185	\$153,327	\$159,941	\$160,342	\$154,878	\$161,645	\$5,820,288
68 FT-365: ESG COMMODITY CHARGE	\$1,249	\$5,900	\$4,046	\$2,156	\$1,114	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,465
69 T-1: ESG COMMODITY CHARGE	\$186	\$193	\$193	\$180	\$193	\$107	\$35	\$0	\$0	\$0	\$33	\$51	\$1,171
70 OPEN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
71 TRANSCO LEIDY LINE FT TRANSPORT	\$4,571	\$4,723	\$4,723	\$4,418	\$4,723	\$4,571	\$4,251	\$3,953	\$2,916	\$2,920	\$3,677	\$4,294	\$49,740
72 WSS: TRANSPORT CHARGE:	\$2,385	\$7,821	\$7,821	\$7,316	\$2,476	\$1,263	\$1,305	\$1,263	\$1,243	\$1,305	\$1,263	\$1,194	\$36,635
73 ESS: TRANSPORT CHARGE:	\$0	\$1,415	\$1,415	\$1,415	\$17	\$0	\$346	\$0	\$0	\$0	\$346	\$302	\$5,602
74 COLUMBIA SST TRANSPORT	\$484	\$2,133	\$2,133	\$1,646	\$490	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,866
75 HEDGE SETTLEMENT	\$35,825	\$22,538	(\$1,528)	(\$10,770)	(\$10,775)	(\$1,168)	\$1,562	\$2,700	\$388	\$0	\$0	\$0	\$38,773
76 TOTAL COMMODITY FIRM TRANSPORT \$	\$1,770,964	\$3,639,007	\$5,063,007	\$4,847,620	\$4,504,249	\$2,959,740	\$1,998,586	\$1,678,941	\$1,508,722	\$1,514,883	\$1,643,795	\$1,831,777	\$33,961,291
77 TRANSCO IT: DELIVERED COMMODITY	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
78 COLUMBIA ITS: DELIVERED COMMODITY	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
79 TEXAS EASTERN IT-1 COMMODITY	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
80 OTHER NON-FIRM PURCHASES	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
81 TOTAL COMMODITY NONFIRM TRANSPORT \$	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
82 TOTAL TRANSPORTATION COMMODITY \$	\$0	\$1,770,964	\$5,063,007	\$4,847,620	\$4,504,249	\$2,959,740	\$1,998,586	\$1,678,941	\$1,508,722	\$1,514,883	\$1,643,795	\$1,831,777	\$33,961,291
83 COMMODITY WACCOCG, \$/MCF	\$2.19	\$2.73	\$3.02	\$2.95	\$2.85	\$2.40	\$2.19	\$2.14	\$2.30	\$2.31	\$2.20	\$2.19	\$2.57

DELMARVA POWER & LIGHT COMPANY

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DESCRIPTION	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-15-Oct-16 GCR TOTAL
90 STORAGE COMMODITY CHARGES, \$													
91 GSS: CREDIT COMMODITY INJECTED	\$0	\$0	\$0	\$0	\$0	(\$186,253)	(\$430,748)	(\$423,778)	(\$396,882)	(\$398,917)	(\$384,572)	(\$365,716)	(\$2,586,866)
92 WSS: CREDIT COMMODITY INJ (+ FUEL)	\$0	\$0	\$0	\$0	\$0	(\$393,603)	(\$405,625)	(\$395,859)	(\$393,495)	(\$414,268)	(\$400,108)	(\$382,272)	(\$2,765,230)
93 ESS: CREDIT COMMODITY INJ (+ FUEL)	\$0	\$0	\$0	\$0	\$0	\$0	(\$109,456)	(\$110,361)	\$0	\$0	(\$111,519)	(\$98,284)	(\$429,820)
94 OPEN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
95 LNG: CREDIT COMMODITY INJECTED	\$0	\$0	\$0	\$0	\$0	(\$2,648)	(\$4,996)	(\$4,874)	(\$5,086)	(\$5,099)	(\$4,925)	(\$4,904)	(\$32,532)
96 OPEN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
97 FSS: CREDIT INJ (+FUEL)	\$0	\$0	\$0	\$0	\$0	(\$45,942)	(\$236,723)	(\$231,021)	(\$241,116)	(\$241,755)	(\$144,767)	(\$95,062)	(\$1,236,386)
98 OPEN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
99 OPEN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL CREDIT STORAGE GAS INJ-808.2	\$0	\$0	\$0	\$0	\$0	(\$628,446)	(\$1,187,548)	(\$1,165,893)	(\$1,036,579)	(\$1,060,039)	(\$1,045,891)	(\$946,238)	(\$7,070,634)
101 LNG: CREDIT INJECTED-808.201	\$0	\$0	\$0	\$0	\$0	\$0	(\$65,307)	(\$64,251)	\$0	\$0	(\$30,611)	\$0	(\$160,169)
102 LNG: PRIOR PERIOD ADJUSTMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
103	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL CREDIT LNG GAS INJ-808.201	\$0	\$0	\$0	\$0	\$0	\$0	(\$65,307)	(\$64,251)	\$0	\$0	(\$30,611)	\$0	(\$160,169)
105 GSS: DEBIT COMMODITY WITHDRAWN	\$122,432	\$680,072	\$862,550	\$806,939	\$539,166	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,021,199
106 WSS: DEBIT COMMODITY (W/D +FUEL)	\$218,586	\$722,790	\$722,790	\$676,159	\$228,841	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,569,166
107	\$0	\$130,815	\$127,124	\$127,124	\$1,525	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$386,587
108 ESS: DEBIT COMMODITY (W/D +FUEL)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
109 OPEN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
110 LNG: DEBIT COMMODITY WITHDRAWN	\$0	\$0	\$9,138	\$8,993	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18,131
111 OPEN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
112 FSS: DEBIT COMMODITY WITHDRAWN	\$83,179	\$382,009	\$382,007	\$294,822	\$87,843	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,229,860
113 OPEN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
114 OPEN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL DEBIT STORAGE GAS W/D-808.1	\$424,197	\$1,925,686	\$2,103,849	\$1,914,037	\$857,375	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,224,943
116 LNG: DEBIT WITHDRAWAL 808.101	\$10,795	\$10,795	\$115,091	\$74,984	\$11,277	\$11,277	\$11,277	\$10,308	\$9,788	\$9,788	\$9,788	\$9,618	\$294,786
117	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
118 LNG: PRIOR PERIOD ADJUSTMENT	\$10,795	\$10,795	\$115,091	\$74,984	\$11,277	\$11,277	\$11,277	\$10,308	\$9,788	\$9,788	\$9,788	\$9,618	\$294,786
119	\$2,909	\$16,398	\$20,497	\$19,175	\$12,812	\$6,504	\$15,123	\$14,635	\$13,442	\$13,442	\$13,009	\$12,123	\$160,069
120 GSS: INJ & W/D CHARGES	\$1,092	\$3,611	\$3,611	\$3,378	\$1,143	\$1,876	\$1,938	\$1,876	\$1,846	\$1,938	\$1,876	\$1,773	\$25,958
121 WSS: INJ & W/D CHARGES	\$0	\$1,851	\$1,851	\$1,851	\$22	\$0	\$1,451	\$1,451	\$0	\$0	\$1,451	\$1,265	\$11,193
122 ESS: INJ & W/D CHARGES	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
123 OPEN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
124 LNG: INJ & W/D CHARGES	\$0	\$0	\$1,103	\$1,086	\$0	\$260	\$491	\$475	\$491	\$491	\$475	\$468	\$5,340
125 OPEN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
126 FSS: INJ & W/D CHARGES	\$413	\$1,897	\$1,897	\$1,464	\$436	\$230	\$1,186	\$1,148	\$1,186	\$1,186	\$711	\$462	\$12,216
127	\$4,414	\$23,757	\$28,959	\$26,954	\$14,413	\$8,870	\$20,189	\$19,585	\$16,965	\$17,057	\$17,522	\$16,091	\$214,776
SUBTOTAL INJ & W/D CHARGES	\$0	\$439,406	\$1,960,238	\$2,247,699	\$2,015,975	\$883,065	(\$608,299)	(\$1,221,389)	(\$1,009,826)	(\$1,033,184)	(\$1,049,192)	(\$920,529)	\$503,702
TOTAL NET STORAGE \$	\$0	\$439,406	\$1,960,238	\$2,247,699	\$2,015,975	\$883,065	(\$608,299)	(\$1,221,389)	(\$1,009,826)	(\$1,033,184)	(\$1,049,192)	(\$920,529)	\$503,702

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DESCRIPTION	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	GCR TOTAL
131 DEMAND CHARGES													
132 TRANSOCO CITYGATE SURCHARGE	\$38,535	\$39,820	\$39,820	\$37,251	\$39,820	\$38,535	\$39,820	\$38,535	\$39,820	\$39,820	\$38,535	\$39,820	\$470,131
133 TRANSOCO SENTINEL FT	\$413,295	\$427,072	\$427,072	\$399,519	\$427,072	\$413,295	\$427,072	\$413,295	\$427,072	\$427,072	\$413,295	\$427,072	\$5,042,203
134 TRANSOCO FT DEMAND STA 30	\$146,884	\$151,780	\$151,780	\$141,988	\$151,780	\$146,884	\$151,780	\$146,884	\$151,780	\$151,780	\$146,884	\$151,780	\$1,791,984
135 TRANSOCO FT DEMAND STA 45	\$209,357	\$216,336	\$216,336	\$202,379	\$216,336	\$209,357	\$216,336	\$209,357	\$216,336	\$216,336	\$209,357	\$216,336	\$2,554,159
136 TRANSOCO FT DEMAND STA 50	\$149,575	\$154,560	\$154,560	\$144,589	\$154,560	\$149,575	\$154,560	\$149,575	\$154,560	\$154,560	\$149,575	\$154,560	\$1,824,809
137 TRANSOCO FT DEMAND STA 62	\$307,021	\$317,256	\$317,256	\$296,787	\$317,256	\$307,021	\$317,256	\$307,021	\$317,256	\$317,256	\$307,021	\$317,256	\$3,745,663
138 TRANSOCO FT DEMAND WSS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
139 OPEN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
140 OPEN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
141 OPEN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
142 OPEN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
143 TRANSOCO PS-3 DEMAND STA 30	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
144 TRANSOCO PS-3 DEMAND STA 45	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
145 TRANSOCO PS-3 DEMAND STA 50	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
146 TRANSOCO PS-3 DEMAND STA 62	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
147 TRANSP DEMAND CHARGE TRANSOCO LEIDY LINE FT	\$19,635	\$20,290	\$20,290	\$18,981	\$20,290	\$19,635	\$20,290	\$19,635	\$20,290	\$20,290	\$19,635	\$20,290	\$239,551
148 COLUMBIA FTS: DEMAND CHARGE	\$165,042	\$165,042	\$165,042	\$165,042	\$165,042	\$165,042	\$165,042	\$165,042	\$165,042	\$165,042	\$165,042	\$165,042	\$1,980,504
149 COLUMBIA SST: DEMAND CHARGE (80722)	\$60,266	\$60,266	\$60,266	\$60,266	\$60,266	\$60,266	\$60,266	\$60,266	\$60,266	\$60,266	\$60,266	\$60,266	\$723,394
150 COL GULF FTS-1: DEMAND CHARGE	\$87,843	\$87,843	\$87,843	\$87,843	\$87,843	\$87,843	\$87,843	\$87,843	\$87,843	\$87,843	\$87,843	\$87,843	\$1,029,658
151 COL GULF FTS-2: DEMAND CHARGE	\$10,995	\$10,995	\$10,995	\$10,995	\$10,995	\$10,995	\$10,995	\$10,995	\$10,995	\$10,995	\$10,995	\$10,995	\$131,940
152 TEXAS EASTERN ITP DEMAND	\$151,708	\$153,261	\$153,261	\$150,155	\$153,261	\$151,708	\$153,261	\$151,708	\$153,261	\$153,261	\$151,708	\$153,261	\$1,829,813
153 FT-365: ESNG DEMAND CHARGE	\$335,960	\$335,960	\$335,960	\$335,960	\$335,960	\$335,960	\$335,960	\$335,960	\$335,960	\$335,960	\$335,960	\$335,960	\$4,031,520
154 T-1: ESNG DEMAND CHARGE	\$5,538	\$5,538	\$5,538	\$5,538	\$5,538	\$5,538	\$5,538	\$5,538	\$5,538	\$5,538	\$5,538	\$5,538	\$66,456
155 ESNG SURCHARGES	\$24,004	\$24,004	\$24,004	\$24,004	\$24,004	\$24,004	\$24,004	\$24,004	\$24,004	\$24,004	\$24,004	\$24,004	\$288,018
156 REFUNDS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
157 REFUNDS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
158 SUBTOTAL FIRM DEMAND CHARGES	\$2,123,658	\$2,170,023	\$2,170,023	\$2,081,298	\$2,146,019	\$2,068,027	\$2,112,392	\$2,068,027	\$2,112,392	\$2,112,392	\$2,068,027	\$2,142,525	\$25,376,802
159 GSS: DEMAND CHARGE	\$88,977	\$91,942	\$91,942	\$86,011	\$91,942	\$88,977	\$91,942	\$88,977	\$91,942	\$91,942	\$88,977	\$91,942	\$1,085,513
160 CAPACITY CHARGE	\$33,850	\$34,979	\$34,979	\$32,722	\$34,979	\$33,850	\$34,979	\$33,850	\$34,979	\$34,979	\$33,850	\$34,979	\$412,975
161 WSS: DEMAND CHARGE	\$7,999	\$8,265	\$8,265	\$7,732	\$8,265	\$7,999	\$8,265	\$7,999	\$8,265	\$8,265	\$7,999	\$8,265	\$97,583
162 CAPACITY CHARGE	\$7,951	\$8,216	\$8,216	\$7,686	\$8,216	\$7,951	\$8,216	\$7,951	\$8,216	\$8,216	\$7,951	\$8,216	\$97,002
163 OPEN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
164 OPEN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
165 OPEN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
166 LING: DEMAND CHARGE	\$907	\$938	\$938	\$877	\$938	\$907	\$938	\$907	\$938	\$938	\$907	\$938	\$11,071
167 CAPACITY CHARGE	\$1,450	\$1,498	\$1,498	\$1,402	\$1,498	\$1,450	\$1,498	\$1,450	\$1,498	\$1,498	\$1,450	\$1,498	\$17,688
168 OPEN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
169 OPEN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
170 ESS: DEMAND & INJECTION CHARGE	\$24,460	\$25,275	\$25,275	\$23,645	\$25,275	\$24,460	\$25,275	\$24,460	\$25,275	\$25,275	\$24,460	\$25,275	\$298,410
171 CAPACITY CHARGE	\$13,393	\$13,840	\$13,840	\$12,947	\$13,840	\$13,393	\$13,840	\$13,393	\$13,840	\$13,840	\$13,393	\$13,840	\$163,399
172 FSS: DEMAND CHARGE	\$15,175	\$15,175	\$15,175	\$15,175	\$15,175	\$15,175	\$15,175	\$15,175	\$15,175	\$15,175	\$15,175	\$15,175	\$182,100
173 CAPACITY CHARGE	\$15,029	\$15,029	\$15,029	\$15,029	\$15,029	\$15,029	\$15,029	\$15,029	\$15,029	\$15,029	\$15,029	\$15,029	\$180,348
174 SUBTOTAL STORAGE DEMAND CHARGES	\$209,191	\$215,157	\$215,157	\$203,226	\$215,157	\$209,191	\$215,157	\$209,191	\$215,157	\$215,157	\$209,191	\$215,157	\$2,546,089
175 TOTAL DEMAND CHARGES \$	\$2,334,849	\$2,385,180	\$2,385,180	\$2,284,524	\$2,361,176	\$2,277,218	\$2,327,549	\$2,277,218	\$2,327,549	\$2,327,549	\$2,277,218	\$2,357,682	\$27,922,891

DESCRIPTION	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov 15-Oct 16 GCR TOTAL
OVERALL SUMMARY													
177 FIRM DEMAND	975,477	2,099,260	2,916,147	2,460,616	1,972,838	981,195	358,019	247,117	215,812	210,284	289,906	441,708	13,168,378
178 NONFIRM DEMAND	0	0	0	0	0	0	0	0	0	0	0	0	0
179 STORAGE INJECTION (NO WSS)	0	0	0	0	0	134,270	429,013	416,274	322,275	322,275	337,356	282,102	2,243,565
180 WSS STORAGE INJ	0	0	0	0	0	124,484	128,633	124,484	122,508	128,633	124,484	117,685	870,912
181 TOTAL DEMAND	975,477	2,099,260	2,916,147	2,460,616	1,972,838	1,239,949	915,665	787,874	660,595	661,192	751,747	841,495	16,282,856
182 FIRM SUPPLY	808,158	1,331,941	2,007,174	1,642,809	1,583,091	1,234,949	910,666	782,875	655,595	656,192	746,746	836,495	13,196,691
183 NONFIRM SUPPLY	0	0	0	0	0	0	0	0	0	0	0	0	0
185 WSS & ESS WITHDRAWAL	72,464	283,092	283,092	287,633	76,375	0	0	0	0	0	0	0	982,655
186 STORAGE WITHDRAWAL (less WSS & ESS)	94,855	484,227	625,881	550,174	313,372	5,000	5,000	5,000	5,000	5,000	5,000	5,000	2,103,509
187 TOTAL SUPPLY	975,477	2,099,260	2,916,147	2,460,616	1,972,838	1,239,949	915,666	787,875	660,595	661,192	751,746	841,495	16,282,856
188 NET SUPPLY VS DEMAND	0	0	0	0	0	0	1	1	1	1	0	0	1
189													
190													
191 COMMODITY EXPENSE, \$													
192 TOTAL COMMODITY FIRM TRANSPORT \$	\$1,770,984	\$3,639,007	\$6,063,007	\$4,847,620	\$4,504,249	\$2,959,740	\$1,998,586	\$1,678,941	\$1,508,722	\$1,514,883	\$1,643,795	\$1,831,777	\$33,961,291
193 TOTAL COMMODITY NONFIRM TRANSPORT \$	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
194 SUBTOTAL COMMODITY FIRM TRANSPORT \$	\$439,406	\$1,960,238	\$2,247,699	\$2,015,975	\$883,065	(\$808,299)	(\$1,221,389)	(\$1,200,251)	(\$1,009,826)	(\$1,033,194)	(\$1,049,192)	(\$920,529)	\$503,702
195 TOTAL COMMODITY \$	\$2,210,370	\$5,599,245	\$8,310,706	\$6,863,594	\$5,387,315	\$2,351,441	\$777,197	\$478,690	\$498,896	\$481,689	\$594,603	\$911,248	\$34,464,994
196													
197 DEMAND EXPENSE, \$													
198 SUBTOTAL DEMAND FIRM TRANSPORT	\$2,125,658	\$2,170,023	\$2,170,023	\$2,081,298	\$2,146,019	\$2,068,027	\$2,112,392	\$2,068,027	\$2,112,392	\$2,112,392	\$2,068,027	\$2,142,525	\$25,376,802
199 SUBTOTAL DEMAND STORAGE	\$209,191	\$215,157	\$215,157	\$203,226	\$215,157	\$209,191	\$215,157	\$209,191	\$215,157	\$215,157	\$209,191	\$215,157	\$2,546,089
200 TOTAL DEMAND	\$2,334,849	\$2,385,180	\$2,385,180	\$2,284,524	\$2,361,176	\$2,277,218	\$2,327,549	\$2,277,218	\$2,327,549	\$2,327,549	\$2,277,218	\$2,357,682	\$27,922,891
201													
202 TOTAL EXPENSE, \$													
203 TOTAL FIRM TRANSPORT	\$3,896,623	\$5,809,030	\$8,233,030	\$6,928,917	\$6,650,268	\$5,027,767	\$4,110,977	\$3,746,968	\$3,621,114	\$3,627,275	\$3,711,822	\$3,974,302	\$59,338,093
204 TOTAL STORAGE CHARGES	\$648,587	\$2,175,395	\$2,462,856	\$2,219,201	\$1,098,222	(\$399,108)	(\$1,006,232)	(\$991,060)	(\$794,669)	(\$818,037)	(\$840,001)	(\$705,372)	\$3,049,791
205 PRIOR PERIOD ADJUSTMENTS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
206 TOTAL GAS SUPPLY EXPENSE \$	\$4,545,220	\$7,984,425	\$10,695,886	\$9,148,118	\$7,748,490	\$4,628,659	\$3,104,745	\$2,755,908	\$2,826,445	\$2,809,238	\$2,871,821	\$3,268,930	\$62,387,884
207 CREDIT FROM CAPACITY RELEASE \$	\$111,000	\$106,950	\$68,200	\$63,800	\$83,700	\$142,500	\$361,150	\$349,500	\$361,150	\$361,150	\$349,500	\$193,750	\$2,552,350
208 CREDIT FROM OFF-SYSTEM SALES \$	\$274,851	\$320,838	\$409,204	\$404,888	\$477,460	\$97,244	\$79,296	\$84,358	\$91,302	\$90,689	\$84,359	\$104,314	\$2,518,803
210 TOTAL CREDIT	\$385,851	\$427,788	\$477,404	\$468,688	\$561,160	\$239,744	\$440,446	\$433,858	\$452,452	\$451,839	\$433,859	\$298,064	\$5,071,153
211 WACCOG with Hedges, \$/MCF	\$2,2659	\$2,6672	\$2,8499	\$2,7894	\$2,7307	\$2,3965	\$2,1708	\$1,9371	\$2,3117	\$2,2907	\$2,0510	\$2,0630	\$2,6173
212 WACCOG without Hedges, \$/MCF	\$2,2292	\$2,6565	\$2,8504	\$2,7938	\$2,7362	\$2,3977	\$2,1665	\$1,9262	\$2,3099	\$2,2907	\$2,0510	\$2,0630	\$2,6143
214 NYMEX Gas Futures 08/10/2015	\$3,0760	\$3,2406	\$3,3462	\$3,3389	\$3,2892	\$3,1081	\$3,0398	\$3,1257	\$3,1568	\$3,1650	\$3,1568	\$3,1919	\$57,316,731
215 Difference from WACCOG (without Hedges)	(\$0,8468)	(\$0,5841)	(\$0,4957)	(\$0,5452)	(\$0,5530)	(\$0,7104)	(\$0,9334)	(\$1,1995)	(\$0,8468)	(\$0,8744)	(\$1,1078)	(\$1,1289)	
216													
217													
218													
219 Total Firm Sendout	975,477	2,099,260	2,916,147	2,460,616	1,972,838	981,195	358,019	247,117	215,812	210,284	289,906	441,708	13,168,378
220 +Storage Injection	0	0	0	0	0	0	0	0	0	0	0	0	0
221 -Storage Withdrawal	(167,319)	(767,319)	(908,973)	(817,807)	(389,747)	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)	(3,066,164)
222 Total Hedgeable In Mcf	808,158	1,331,941	2,007,174	1,642,809	1,583,091	1,234,949	910,666	782,875	655,595	656,192	746,746	836,495	13,196,691
223 Total Hedgeable In Dth	836,444	1,378,559	2,077,425	1,700,308	1,638,500	1,278,172	942,539	810,275	678,541	679,159	772,882	865,773	13,658,576

DELMARVA POWER & LIGHT COMPANY
Schedule JBJ-4
PERCENTAGE HEDGED AND AVERAGE HEDGE COSTS (IN MMBtu)

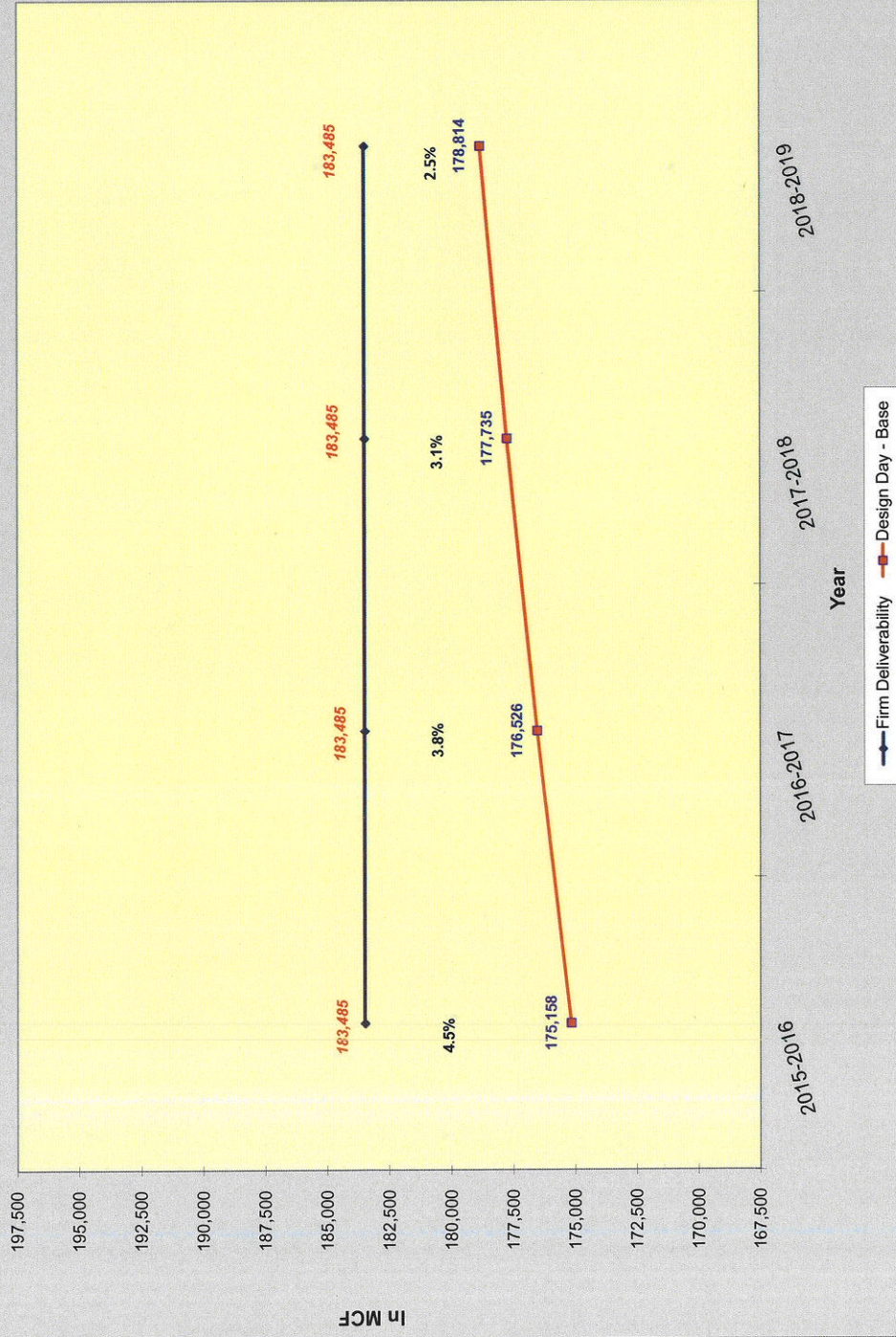
	A	B	C	D	E	F	G	H
	Month	GCR Purchase Requirements	Volume Hedged (1)	Percent Hedged	Avg Cost Per MMBtu	Hedge Cost	Projected Settle Price (2)	Projected Market Value of Hedges
				[C / B]		[C x E]		[G - E] x C]
1	Nov 2015	836,444	312,500	37%	\$3.087	\$964,575	\$2.972	(\$35,825)
2	Dec 2015	1,378,559	412,500	30%	\$3.186	\$1,314,075	\$3.131	(\$22,538)
3	Jan 2016	2,077,425	542,500	26%	\$3.230	\$1,752,375	\$3.233	\$1,528
4	Feb 2016	1,700,308	395,000	23%	\$3.199	\$1,263,500	\$3.226	\$10,770
5	Mar 2016	1,638,500	325,000	20%	\$3.145	\$1,022,075	\$3.178	\$10,775
6	Apr 2016	1,278,172	197,500	15%	\$2.997	\$591,925	\$3.003	\$1,168
7	May 2016	942,539	102,500	11%	\$3.010	\$308,550	\$2.995	(\$1,562)
8	Jun 2016	810,275	62,500	8%	\$3.063	\$191,450	\$3.020	(\$2,700)
9	Jul 2016	678,541	27,500	4%	\$3.064	\$84,263	\$3.050	(\$388)
10	Aug 2016	679,159	-	0%	\$0.000	\$0	\$3.058	\$0
11	Sep 2016	772,882	-	0%	\$0.000	\$0	\$3.052	\$0
12	Oct 2016	865,773	-	0%	\$0.000	\$0	\$3.084	\$0
13	Totals	13,658,577	2,377,500	17%	\$3.152	\$7,492,788	\$3.135	(\$38,773)
14								
15	Totals in Mcf	13,196,692	2,297,101	17%	\$3.262	\$7,492,788	\$3.245	(\$38,773)

(1) Hedges executed according to hedging program established in PSC Order 7658, dated October 6, 2009

(2) August 10, 2015 NYMEX prices

Firm Deliverability Versus Design Day

Schedule JBI-5



UPDATED

7/7/2015

DP&L STORAGE AND TRANSPORTATION ASSETS

SCHEDULE JBJ-6

				2015			2016					2017					2018					Dec	Nov	Oct	Sep	Aug	Jul	Jun	May	Apr	Mar	Feb	Jan		
Pipeline	Type of Contract	Contract #	Service Level	MDQ (in MCF)	Expiration	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	TRANSCO	Stor Cap	1000854	GSS	2,056,961	3/31/2023																													
2	TRANSCO	Stor Dem	1000854	GSS	28,420	3/31/2023																													
3	TRANSCO	Stor Cap	1018469	ESS	171,171	9/30/2029																													
4	TRANSCO	Stor Dem	1018469	ESS	20,404	9/30/2029																													
5	TRANSCO	Stor Inj	1018469	ESS	5,559	9/30/2029																													
6	TRANSCO	Storage	9008008	WSS	1,113,345	3/31/2017							D																						
7	TRANSCO	Storage	9008008	WSS	11,720	3/31/2017							D																						
8	TRANSCO	Storage	9010117	LNG	6,970	3/31/2020																													
9	TRANSCO	Stor Cap	9010117	LNG	840	3/31/2020																													
10	TCO	Stor Cap	80723	FSSCP	504,202	3/31/2020																													
11	TCO	Stor Dem	80723	FSS	9,768	3/31/2020																													
12	TCO	Tport	49832	FTS	3,342	10/31/2018																				D									
13	TCO	Tport	49833	FTS	3,343	10/31/2018																				D									
14	TCO	Tport	80722	SST	9,768	3/31/2020																													
15	TCO	Tport	80724	FTS	19,324	10/31/2019																													
16	ESNG	Tport	050072	T-1	750	3/31/2017								D																					
17	ESNG	Tport	010040	FT	1,159	10/31/2020																													
18	ESNG	Tport	010043	FT	9,662	10/31/2016																													
19	ESNG	Tport	010046	FT	2,899	10/31/2017									D																				
20	ESNG	Tport	010055	FT	2,899	10/31/2020																													
21	ESNG	Tport	010072	FT	12,754	10/31/2021																													
22	ESNG	Tport	010073	FT	3,092	10/31/2022																													
23	ESNG	Tport	010074	FT	3,092	10/31/2024																													
24	COLGULF	Tport	80726	FTS-2	6,292	10/31/2019																													
25	COLGULF	Tport	80727	FTS-1	19,776	10/31/2019																													
26	TETCO	Tport	870018	LLFT	5,020	10/31/2017			D																										
27	TETCO	Tport	800475	FT-1	9,662	10/31/2020			D																										
28	Trunkline	Tport	13063	FTS	5,081	10/31/2016																													
29	Panhandle	Tport	13321	FT	5,030	10/31/2016									D																				
30	TRANSCO	Tport	1003684	FT	54,800	3/31/2019																													
31	TRANSCO	Tport	1011993	FT	4,831	3/31/2017								D																					
33	TRANSCO	Tport	9076492	FT	24,155	5/20/2029																													
34																																			
35	DPL LNG	Stor Dem		LNG	25,000																														
36	DPL LNG	Stor Cap		LNG	250,000																														
37																																			
38	Total Firm Deliverability				183,485																														
39	Design Day Per 2015 Supply Plan				175,158																														
40	Reserve or (Shortage)				8,327																														

Delmarva Power & Light Company
Summary of Proposed Gas Cost Rate
Commodity and Demand Factors
For November 2015 Through October 2016

	<u>RG, GG, GL and Non-Electing MVG</u>	<u>LVG and Electing MVG</u>
Commodity	\$2.2445 Per Mcf	Varies
Demand	<u>\$1.7022 Per Mcf</u>	<u>\$1.7022 Per Mcf</u>
Total GCR	<u>\$3.9467 Per Mcf</u>	<u>Varies</u>

Delmarva Power & Light Company
Calculation of Proposed Gas Cost Rate Commodity Factors
For November 2015 Through October 2016

Description	RG, GG, GL and Non Electing MVG (\$)	Electing MVG (\$)	LVG (\$)	Total (\$)
Estimated Over-Recovery Position @ October 31, 2015	(5,336,515)	0	0	(5,336,515)
Interest	(138,905)	0	0	(138,905)
Estimated Over-Recovery Position @ November 1, 2015	(5,475,420)	0	0	(5,475,420)
Demand Expense True-Up (1)	382,648			382,648
Proration of November 2015 GCR (2)	(536,388)	0	0	(536,388)
Total Estimated Firm Commodity Costs	34,442,908	0	0	34,442,908
Total Commodity Revenues to be Collected	28,813,748	0	0	28,813,748
Estimated Firm Sales	12,837,624	0	0	12,837,624
Commodity Cost Factor	2.2445	Varies	Varies	N / M

N / M = Not Meaningful

Notes:

- (1) See Schedule KMM-3 for Demand Expense True-Up calculation.
(2) November 2015 revenue from RG, GG, GL, and MVG is prorated between old and new GCR, which corrects for a revenue deficit when rates are rising and a revenue surplus when rates are falling. The adjustment is calculated as follows:

	One Half of November 2015 Sales	Proposed Rate	Current Rate	Difference	Adjustment
RR, RSH, GG, GL	374,576	\$3.9467	\$5.3563	(\$1.4096)	(\$528,002)
Non Electing MVG Commodity	6,329	\$2.2445	\$3.5695	(\$1.3250)	(\$8,386)
Total	380,905				(\$536,388)

Delmarva Power & Light Company
Calculation of Proposed Gas Cost Rate Demand Factor
For November 2015 Through October 2016

Description	Amount
Total Gas Demand Expense	\$ 27,922,892
<u>Demand Credits:</u>	
Off System Sales & SWAPS Margins	(2,371,131)
Capacity Release Margins	(2,364,980)
Interruptible Gas Transportation Margins	(584,934)
Transition Charges	(5,390)
Balancing Charges	(361,557)
Total Demand Revenue Credits	(5,687,992)
Total Firm Gas Supply Demand Expense	22,234,900
Total Demand Expense True-Up	(382,648)
Adjusted Total Firm Gas Supply Demand Expense	\$ 21,852,252
Estimated Firm Volumetric Sales (Mcf)	12,837,624
GCR Demand Factor	<u>\$1.7022</u>

Schedule KMM-2
Page 1 of 1

Delmarva Power & Light Company
Capacity Release & Off System Sales
For July 2014 Through October 2016

Month	Capacity Release Revenue \$	Off-System Sales Revenue \$	Off-System Sales Expenses \$	Off-System Sales Margins \$	Total Margins \$	Accumulated Margins \$	Margins Shared \$	Percentage of Margins Shared
July 2014	306,033	705,086	606,668	98,418	404,451	404,451	404,451	100.00%
August 2014	182,114	1,158,728	1,079,989	78,739	260,853	665,304	260,853	100.00%
September 2014	157,839	476,034	449,097	26,937	184,776	850,080	184,776	100.00%
October 2014	233,416	215,558	204,897	10,661	244,077	1,094,157	244,077	100.00%
November 2014	93,231	404,671	342,110	62,561	155,792	1,249,949	155,792	100.00%
December 2014	58,588	392,329	358,623	33,706	92,294	1,342,243	92,294	100.00%
January 2015	28,000	980,038	557,933	422,105	450,105	1,792,348	450,105	100.00%
February 2015	19,443	974,121	537,013	437,108	456,551	2,248,899	456,551	100.00%
March 2015	65,957	676,263	426,867	249,396	315,353	2,564,252	315,353	100.00%
April 2015	153,274	436,395	272,154	164,241	317,515	2,881,767	317,515	100.00%
May 2015	197,134	686,626	366,993	319,633	516,767	3,398,534	437,061	84.58%
June 2015	193,711	798,243	552,824	245,419	439,130	3,837,664	351,303	80.00%
July 2015	205,249	900,833	588,561	312,272	517,521	517,521	517,521	100.00%
August 2015	76,725	121,172	0	121,172	197,897	715,418	197,897	100.00%
September 2015	74,250	112,737	0	112,737	186,987	902,405	186,987	100.00%
October 2015	20,925	114,957	0	114,957	135,882	1,038,287	135,882	100.00%
November 2015	111,000	274,851	0	274,851	385,851	1,424,138	385,851	100.00%
December 2015	106,950	320,838	0	320,838	427,788	1,851,926	427,788	100.00%
January 2016	68,200	409,204	0	409,204	477,404	2,329,330	477,404	100.00%
February 2016	63,800	404,888	0	404,888	468,688	2,798,018	468,688	100.00%
March 2016	83,700	477,460	0	477,460	561,160	3,359,178	448,928	80.00%
April 2016	142,500	97,244	0	97,244	239,744	3,598,922	191,795	80.00%
May 2016	361,150	79,296	0	79,296	440,446	4,039,368	352,357	80.00%
June 2016	349,500	84,358	0	84,358	433,858	4,473,226	347,086	80.00%
July 2016	361,150	91,302	0	91,302	452,452	4,925,678	452,452	100.00%
August 2016	361,150	90,689	0	90,689	451,839	5,377,517	451,839	100.00%
September 2016	349,500	84,359	0	84,359	433,859	5,811,376	433,859	100.00%
October 2016	193,750	104,314	0	104,314	298,064	6,109,440	298,064	100.00%

Delmarva Power and Light Company
Comparison of Actual Gas Demand Costs to
Estimated Gas Demand Costs
For Delmarva Firm Gas Operations For the Period
For August 2014 Through July 2015

Description	Demand Expense		Monthly Variance	Cumulative Variance	Interest Expense (3)	Demand Costs True - Up
	Actual (1)	Estimated (2)				
	\$	\$	\$	\$	\$	\$
August 2014	2,332,151	2,461,022	(128,871)	(128,871)	(349)	(129,220)
September 2014	2,278,158	2,406,356	(128,198)	(257,069)	(696)	(128,894)
October 2014	2,346,207	2,489,117	(142,910)	(399,979)	(1,083)	(143,993)
November 2014	2,317,532	2,315,386	2,146	(397,833)	(1,078)	1,069
December 2014	2,356,416	2,365,580	(9,164)	(406,997)	(1,102)	(10,266)
January 2015	2,350,506	2,365,580	(15,074)	(422,071)	(1,143)	(16,217)
February 2015	2,219,946	2,214,999	4,947	(417,124)	(1,130)	3,817
March 2015	2,371,064	2,365,580	5,484	(411,640)	(1,115)	4,369
April 2015	2,292,595	2,282,077	10,518	(401,122)	(1,086)	9,432
May 2015	2,339,056	2,332,271	6,785	(394,337)	(1,068)	5,717
June 2015	2,294,113	2,282,077	12,036	(382,301)	(1,035)	11,001
July 2015	2,343,812	2,332,271	11,541	(370,760)	(1,004)	10,537
Total	27,841,556	28,212,316	(370,760)		(11,890)	(382,648)

Notes:

- (1) Estimated Demand Expenses for the period August 2014 through October 2015 are based on projections from the August 2013 Filing.
- (2) Interest expense for August 2014 through July 2015 is based on the FERC Refund Interest Rate of 3.25% applied to the cumulative monthly variance.

Delmarva Power & Light Company
Comparison of Gas Expense and Recovery
For Delaware Firm Gas Operations
For November 2015 Through October 2016
12 Months Estimated

<u>Billing Month</u>	<u>Firm Sales</u> (Mcf)	<u>Total GCR</u> <u>Revenue</u> (<u>\$</u>)	<u>Total</u> <u>Gas Cost</u> (<u>\$</u>)	<u>(Over) or</u> <u>Under</u> <u>Recovery</u> <u>Monthly</u> (<u>\$</u>)	<u>Deferred</u> <u>Fuel</u> <u>Balance</u> <u>YTD</u> (<u>\$</u>)	<u>% (Over)</u> <u>or Under</u> <u>Recovery</u> (<u>%</u>)
Estimated Deferred Fuel Balance on October 31, 2015					(5,336,515)	
Estimated Interest Expense					(138,905)	
Estimated Deferred Fuel Balance on November 1, 2015					(5,475,420)	
November 2015	761,808	3,543,550	4,050,405	506,855	(4,968,565)	
December 2015	1,625,712	6,416,197	7,458,491	1,042,294	(3,926,271)	
January 2016	2,444,472	9,647,598	10,121,497	473,899	(3,452,372)	
February 2016	2,414,261	9,528,364	8,602,831	(925,533)	(4,377,905)	
March 2016	2,084,497	8,226,885	7,181,879	(1,045,006)	(5,422,911)	
April 2016	1,326,009	5,233,359	4,368,849	(864,510)	(6,287,421)	
May 2016	668,995	2,640,323	2,695,446	55,123	(6,232,298)	
June 2016	381,071	1,503,973	2,340,840	836,867	(5,395,431)	
July 2016	266,170	1,050,492	2,300,690	1,250,198	(4,145,233)	
August 2016	224,990	887,968	2,285,607	1,397,639	(2,747,594)	
September 2016	263,710	1,040,784	2,380,895	1,340,111	(1,407,483)	
October 2016	375,929	1,483,678	2,890,378	1,406,700	(783)	0.0%
Total	<u>12,837,624</u>	<u>51,203,171</u>	<u>56,677,808</u>	<u>5,474,637</u>		

Notes:

- (1) November 2015 through October 2016 Fuel Revenue is based on a GCR\$3.9467 /Mcf.
- (2) Estimated Gas Cost Expenses and WACCOGs are based on August 10, 2015 NYMEX closing prices.

Delmarva Power & Light Company
Development of Annual Commodity and Demand Expenses
For November 2015 Through October 2016
12 Months Estimated

Description	2016												Total
	November	December	January	February	March	April	May	June	July	August	September	October	
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Total Gas Supply Expense	4,545,219	7,984,425	10,695,886	9,148,118	7,748,491	4,628,659	3,104,746	2,755,908	2,826,445	2,809,238	2,871,821	3,268,930	62,387,886
Total Gas Commodity Expense	2,210,370	5,599,245	8,310,706	6,863,594	5,387,315	2,351,441	777,197	478,690	498,896	481,889	594,603	911,248	34,464,994
Commodity Credits:													
Off System Sales - Fuel Cost (1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Cash Outs	0	0	0	0	0	0	0	0	0	0	0	0	0
Company Use Gas	(1,138)	(2,603)	(3,456)	(3,159)	(3,142)	(1,793)	(959)	(1,035)	(1,035)	(608)	(511)	(575)	(22,086)
Total Commodity Fuel Credits	(1,138)	(2,603)	(3,456)	(3,159)	(3,142)	(1,793)	(959)	(1,035)	(1,035)	(608)	(511)	(575)	(22,086)
Total Firm Commodity Cost of	2,209,232	5,596,642	8,307,250	6,860,435	5,384,208	2,348,299	775,404	477,731	497,861	481,081	594,092	910,673	34,442,908
Total Gas Demand Expense	2,334,849	2,385,180	2,385,180	2,284,524	2,361,176	2,277,218	2,327,549	2,277,218	2,327,549	2,327,549	2,277,218	2,357,682	27,922,892
Demand Credits (% Varies)													
Off-System Sales & Swaps	(274,851)	(320,838)	(409,204)	(404,888)	(381,968)	(77,795)	(63,437)	(67,486)	(91,302)	(90,689)	(84,359)	(104,314)	(2,371,131)
Capacity Release	(111,000)	(106,950)	(66,200)	(63,800)	(66,960)	(114,000)	(288,920)	(279,600)	(361,150)	(361,150)	(349,500)	(193,750)	(2,364,980)
Interruptible Gas Transportation	(65,404)	(51,037)	(55,521)	(40,695)	(75,052)	(38,867)	(32,013)	(44,399)	(46,983)	(49,932)	(35,538)	(49,493)	(584,934)
Subtotal	(451,255)	(478,825)	(532,925)	(509,383)	(523,980)	(230,662)	(384,370)	(391,485)	(499,435)	(501,771)	(469,397)	(347,557)	(5,321,045)
Demand Credits @ 100%													
Transition Charges	(1,078)	(1,078)	(1,078)	(1,078)	(1,078)	0	0	0	0	0	0	0	(5,390)
Balancing Charges	(41,343)	(43,426)	(36,930)	(31,667)	(38,447)	(26,006)	(23,137)	(22,624)	(25,285)	(21,252)	(21,018)	(30,420)	(361,557)
Unauthorized Overrun	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal	(42,421)	(44,504)	(38,008)	(32,745)	(39,525)	(26,006)	(23,137)	(22,624)	(25,285)	(21,252)	(21,018)	(30,420)	(366,947)
Total Demand Credits	(493,676)	(523,331)	(570,933)	(542,128)	(563,505)	(256,668)	(407,507)	(414,109)	(524,720)	(523,023)	(490,415)	(377,977)	(5,687,992)
Total Firm Demand Expenses	1,841,173	1,861,849	1,814,247	1,742,396	1,797,671	2,020,550	1,920,042	1,863,109	1,802,829	1,804,526	1,786,803	1,979,705	22,234,900
Total Firm Gas Expenses	4,050,405	7,458,491	10,121,497	8,602,831	7,181,879	4,368,849	2,695,446	2,340,840	2,300,690	2,285,607	2,380,895	2,890,378	56,677,808

Note: (1) The Cost of Fuel for Off-System Sales and Cash-Outs have not been included in the estimated Commodity Expenses shown on this Schedule and therefore does not require removal.

Delmarva Power & Light Company
Comparison of Gas Expense and Recovery
For Delaware Firm Gas Operations
For November 2014 Through October 2015
9 Months Actual, 3 Months Updated Estimates

Billing Month	Firm Sales Mcf	Total Gas Cost Recovery (\$)	Total Gas Cost (\$)	LG LAUF Adjustment	(Over) or Under Recovery Monthly (\$)	Deferred Fuel Balance YTD (\$)	% (Over) or Under Recovery (%)
Deferred Fuel Balance on October 31, 2014						432,137	
Interest Expense						(8,718)	
Adjusted Deferred Fuel Balance on November 1, 2014						423,419	
November 2014	701,812	4,104,278	7,749,382		3,645,104	4,068,523	
December 2014	1,626,985	8,709,525	9,616,442		906,917	4,975,441	
January 2015	2,629,497	14,050,397	11,254,966		(2,795,431)	2,180,009	
February 2015	2,622,255	13,997,378	12,595,411		(1,401,967)	778,042	
March 2015	2,609,371	13,938,132	8,702,570		(5,235,563)	(4,457,521)	
April 2015	1,311,709	7,008,957	4,383,453		(2,625,504)	(7,083,025)	
May 2015	529,108	2,835,615	2,888,129		52,514	(7,030,511)	
June 2015	296,327	1,602,913	2,584,311		981,398	(6,049,113)	
July 2015	274,296	1,484,139	2,424,374	(2,758,730)	940,235	(7,867,608)	
August 2015	217,083	1,182,019	1,979,009		796,990	(7,070,618)	
September 2015	223,698	1,217,542	2,070,972		853,430	(6,217,188)	
October 2015	353,223	1,906,804	2,787,477		880,673	(5,336,515)	-7.7%
Total	13,395,364	72,037,699	69,036,495	(2,758,730)	(3,001,204)		

Notes: (1) November 2014 through October 2015 Fuel Revenue is based on a GCR of 5.3563/Mcf as approved by Order No. 8767 in Docket No. 14-0295F dated August 4, 2015.
(2) Estimated Gas Cost Expenses and WACCOGs are based on August 10, 2015 NYMEX closing prices.

Delmarva Power & Light Company
Comparison of Gas Expense and Recovery
For Delaware Firm Gas Operations
For November 2013 Through October 2014
12 Months Actual

Billing Month	Firm Sales (Mcf)	Total GCR Revenue (\$)	Total Gas Cost (\$)	(Over) or Under Recovery Monthly (\$)	Deferred Fuel Balance YTD (\$)	% (Over) or Under Recovery (%)
Deferred Fuel Balance Including FPS WACCOG True-Up @ October 31, 2013					5,776,089	
Interest Expense					208,468	
Deferred Fuel Balance @ November 1, 2013					5,984,557	
November 2013	772,205	5,069,370	7,475,192	2,405,822	8,390,379	
December 2013	1,670,432	10,352,837	9,908,429	(444,407)	7,945,971	
January 2014	2,334,246	14,455,185	12,488,598	(1,966,586)	5,979,385	
February 2014	2,477,980	15,340,365	12,839,276	(2,501,089)	3,478,296	
March 2014	2,380,596	14,661,980	10,660,035	(4,001,945)	(523,649)	
April 2014	1,503,309	9,317,498	3,949,930	(5,367,568)	(5,891,216)	
May 2014	661,987	4,109,570	3,393,323	(716,247)	(6,607,463)	
June 2014	325,398	2,038,162	3,016,155	977,993	(5,629,471)	
July 2014	252,254	1,583,562	2,770,881	1,187,319	(4,442,152)	
August 2014	230,891	1,453,646	2,926,223	1,472,577	(2,969,575)	
September 2014	245,604	1,543,356	3,036,195	1,492,839	(1,476,735)	
October 2014	298,618	1,873,297	3,782,157	1,908,860	432,124	0.6%
Total	13,153,520	81,798,828	76,246,395	(5,552,433)		

Notes:

- (1) November 1, 2013 through October 31, 2014 Fuel Revenue is based on GCR of \$6.2106 Mcf as approved by Order No. 8457 in Docket No. 13-349F dated September 26, 2013
- (2) Estimated Gas Cost Expenses and WACCOGs are based on August 8, 2013 NYMEX closing prices.

Description	2013				2014								Total
	November	December	January	February	March	April	May	June	July	August	September	October	
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Total Gas Supply Expense	7,934,699	11,243,294	16,281,434	17,465,248	11,690,488	4,573,529	3,843,576	3,362,722	3,835,094	4,341,961	3,734,020	4,319,136	92,625,202
Total Gas Commodity Expense	5,687,768	8,751,741	13,700,758	15,083,017	9,323,734	3,929,594	1,500,351	1,079,087	1,500,317	2,009,810	1,455,862	1,972,930	65,994,980
Commodity Credits:													
Off System Sales - Fuel Cost	(228,857)	(766,864)	(1,061,519)	(3,920,797)	(557,609)	(482,260)	(212,668)	(77,095)	(606,868)	(1,079,989)	(449,097)	(204,897)	(9,648,319)
Cash Out Sales	(42,930)	(51,067)	(32,968)	(172)	(3,771)	2,327	(493)	(1,951)	0	(1,373)	(84)	(4,956)	(137,439)
Company Use Gas	(1,304)	(1,283)	(3,200)	(4,266)	(10,532)	(10,387)	(10,336)	(26)	14,207	(758)	(719)	(699)	(29,305)
Total Commodity Fuel Credits	(273,090)	(819,214)	(1,097,686)	(3,925,236)	(571,912)	(490,321)	(223,497)	(79,074)	(592,461)	(1,082,120)	(449,900)	(210,551)	(9,815,062)
Total Firm Commodity Cost of Gas	5,414,679	7,932,528	12,603,072	11,157,782	8,751,822	3,439,273	1,276,854	1,000,023	907,856	927,690	1,005,962	1,762,378	56,179,918
Total Gas Demand Expense	2,246,931	2,491,553	2,580,676	2,382,231	2,366,764	643,934	2,343,225	2,263,624	2,334,777	2,332,151	2,278,158	2,346,207	26,630,221
Demand Credits (% Varies)													
Off-System Sales & Swaps	(33,618)	(239,906)	(2,197,376)	(669,266)	(334,692)	(39,430)	(46,469)	(11,648)	(98,418)	(78,739)	(26,937)	(10,661)	(3,787,161)
Capacity Release	(60,506)	(179,706)	(34,060)	(49,450)	(32,553)	(39,339)	(123,926)	(191,854)	(306,033)	(182,114)	(157,839)	(233,416)	(1,590,794)
Intermittible Gas Transportation	(54,536)	(47,479)	(38,756)	(34,141)	(41,837)	(43,572)	(35,696)	(41,249)	(46,882)	(50,639)	(41,291)	(51,709)	(525,787)
Subtotal	(148,660)	(467,091)	(2,268,192)	(752,857)	(409,082)	(122,341)	(206,090)	(244,751)	(451,333)	(311,492)	(226,067)	(295,786)	(5,903,742)
Demand Credits @ 100%													
Transition Charges	(952)	(1,842)	(1,842)	(1,842)	(1,842)	(1,842)	(1,792)	(2,294)	(2,242)	(2,114)	(2,114)	(2,056)	(22,763)
Balancing Charges	(36,796)	(46,299)	(44,906)	(31,243)	(36,032)	(25,705)	(18,873)	(20,448)	(18,177)	(20,012)	(19,744)	(28,585)	(346,820)
Unauthorized Overrun	0	(420)	(380,210)	85,205	16,610	0	0	0	0	0	0	0	(290,400)
Subtotal	(37,758)	(48,560)	(426,956)	52,120	(49,459)	(10,937)	(20,665)	(22,742)	(20,418)	(22,126)	(21,858)	(30,641)	(660,003)
Total Demand Credits	(186,418)	(515,651)	(2,695,150)	(700,737)	(458,541)	(133,278)	(226,765)	(267,493)	(471,752)	(333,618)	(247,925)	(326,426)	(6,563,744)
Total Firm Demand Expenses	2,060,513	1,975,902	(114,474)	1,681,494	1,908,213	510,657	2,116,469	2,016,132	1,863,026	1,998,533	2,030,233	2,019,779	20,066,477
Total Firm Gas Expenses	7,475,192	9,908,429	12,488,598	12,839,276	10,680,035	3,949,930	3,393,323	3,016,155	2,770,881	2,926,223	3,038,195	3,782,157	76,246,395

Delmarva Power & Light Company
Interest Calculation
For November 2014 Through October 2015
9 Months Actual, 3 Months Updated Estimates

Month	Beginning Balance (\$)	Ending Balance (\$)	Average Balance (\$)	Average Balance Within Band (\$)	Interest (1) (2)			Total Interest (\$)
					Interest (\$)	Excess Balance (\$)	Interest (\$)	
November 2014	423,419	4,068,523	2,245,971	2,245,971	6,083	0	0	6,083
December 2014	4,068,523	4,975,441	4,521,983	4,521,983	12,247	0	0	12,247
January 2015	4,975,441	2,180,009	3,577,725	3,577,725	9,690	0	0	9,690
February 2015	2,180,009	778,042	1,479,026	1,479,026	4,006	0	0	4,006
March 2015	778,042	(4,457,521)	(1,839,740)	(1,839,740)	(4,983)	0	0	(4,983)
April 2015	(4,457,521)	(7,083,025)	(5,770,273)	(3,106,642)	(8,414)	(2,663,631)	(11,653)	(20,067)
May 2015	(7,083,025)	(7,030,513)	(7,056,769)	(3,106,642)	(8,414)	(3,950,127)	(17,282)	(25,696)
June 2015	(7,030,513)	(6,049,113)	(6,539,812)	(3,106,642)	(8,414)	(3,433,170)	(15,020)	(23,434)
July 2015	(6,049,113)	(7,867,608)	(6,958,360)	(3,106,642)	(8,414)	(3,851,718)	(16,851)	(25,265)
August 2015	(7,867,608)	(7,070,618)	(7,469,113)	(3,106,642)	(8,414)	(4,362,471)	(19,086)	(27,500)
September 2015	(7,070,618)	(6,217,188)	(6,643,903)	(3,106,642)	(8,414)	(3,537,261)	(15,476)	(23,890)
October 2015	(6,217,188)	(5,336,515)	(5,776,852)	(3,106,642)	(8,414)	(2,670,210)	(11,682)	(20,096)
Total Interest From November 2014 to October 2015								<u>(138,905)</u>

Notes:

- (1) Average deferred fuel balance interest band is 4 - 1/2% \$69,036,495 or \$3,106,642
(2) Effective March 1, 1999, the interest rate on both over- and under-recoveries is the FERC Natural Gas Interest Factor, which is as follows:

November 2014 through December 2014	3.25%
January 2015 through March 2015	3.25%
April 2015 through June 2015	3.25%
July 2015 through September 2015	3.25%
October 2015	3.25%

- (3) Average Over-Recovery Balances in excess of 4 1/2% of the Total Recoverable Fuel Expense are subject to an additional 2% interest charge over the FERC Natural Gas Interest Factor.

Delmarva Power & Light Company
Firm Sales

<u>Description</u>	Twelve Months Estimated November 2015 Through October 2016 (Mcf)	9 Months Actual 3 Months Estimated November 2014 Through October 2015 (Mcf)	Twelve Months Actual November 2013 Through October 2014 (Mcf)
November	761,808	701,812	915,802
December	1,625,712	1,626,985	1,442,824
January	2,444,472	2,629,497	1,933,223
February	2,414,261	2,622,255	2,139,487
March	2,084,497	2,609,371	2,018,409
April	1,326,009	1,311,709	1,353,361
May	668,995	529,108	543,133
June	381,071	296,327	320,031
July	266,170	274,296	260,106
August	224,990	217,083	231,327
September	263,710	223,698	244,173
October	375,929	353,223	304,495
Total	<u>12,837,624</u>	<u>13,395,364</u>	<u>11,706,371</u>

Delmarva Power & Light Company Gas Costs

Description	Twelve Months Estimated November 2015 Through October 2016 \$	9 Months Actual 3 Months Estimated November 2014 Through October 2015 \$	Twelve Months Actual November 2013 Through October 2014 \$
Total Gas Supply Expenses	62,387,886	77,732,829	92,625,202
<u>Expense Credits</u>			
Off System Sales - Fuel Cost (1)	0	(4,003,078)	(9,648,319)
Cash Outs	0	(30,050)	(137,439)
Company Use Gas	(22,086)	(62,379)	(29,305)
Off System Sales / Swaps	(2,371,131)	(2,496,923)	(3,787,161)
Capacity Release	(2,364,980)	(1,117,338)	(1,590,794)
Interruptible Gas Transportation	(584,934)	(507,437)	(525,787)
Transition Charges	(5,390)	(494)	(22,783)
Balancing Charges	(361,557)	(348,832)	(346,820)
Unauthorized Overrun	0	(129,803)	(290,400)
Total	<u>56,677,808</u>	<u>69,036,496</u>	<u>76,246,394</u>

Notes:

- (1) The fuel costs associated with Off-System sales are not included in Estimated Total Gas Supply Expense and do not require removal.

Delmarva Power & Light Company
Comparison of Gas Expense and Recovery
For Delaware Firm Gas Operations
For August 2014 Through July 2015
12 Months Actual

<u>Billing Month</u>	<u>Firm Sales</u> Mcf	<u>Total</u> <u>Gas Cost</u> <u>Recovery</u> (<u>\$</u>)	<u>Total</u> <u>Gas Cost</u> (<u>\$</u>)	<u>(Over) or</u> <u>Under</u> <u>Recovery</u> <u>Monthly</u> (<u>\$</u>)	<u>Deferred</u> <u>Fuel</u> <u>Balance</u> <u>YTD</u> (<u>\$</u>)
Deferred Fuel Balance on July 31, 2014					(4,442,152)
August 2014	230,891	1,453,645	2,926,223	1,472,578	(2,969,574)
September 2014	245,604	1,543,355	3,036,195	1,492,840	(1,476,734)
October 2014	298,618	1,873,297	3,782,158	1,908,861	432,127
Interest Expense (November 2013 through October 2014)					(8,718)
Adjusted Balance					423,409
November 2014	701,812	4,104,277	7,749,382	3,645,105	4,068,513
December 2014	1,626,985	8,709,525	9,616,442	906,917	4,975,429
January 2015	2,629,497	14,050,401	11,254,966	(2,795,435)	2,179,994
February 2015	2,622,255	13,997,377	12,595,411	(1,401,966)	778,028
March 2015	2,609,371	13,938,129	8,702,571	(5,235,559)	(4,457,533)
April 2015	1,311,709	7,008,957	4,383,453	(2,625,505)	(7,083,037)
May 2015	529,108	2,835,615	2,888,129	52,514	(7,030,523)
June 2015	296,327	1,602,913	2,584,311	981,398	(6,049,125)
July 2015	274,296	1,484,140	2,424,374	(1,818,496)	(7,867,621)
Total	<u>13,376,473</u>	<u>72,601,631</u>	<u>71,943,613</u>	<u>(3,416,749)</u>	

Notes:

- (1) November 2013 through October 2014 Fuel Revenue is based on GCR of \$6.2106 per Mcf as approved by Order No. 8457 in Docket No. 13-349F dated September 26, 2013.
- (2) November 2014 through October 2015 Fuel Revenue is based on GCR of \$5.3563 per Mcf as approved by Order No. 8767 in Docket No. 14-0295F dated August 4, 2015.

Description	2014				2015				Total				
	August	September	October	November	December	January	February	March		April	May	June	July
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	
Total Gas Supply Expense	4,341,961	3,734,020	4,319,137	8,353,123	10,148,724	12,357,675	13,761,845	9,548,490	5,073,487	3,771,026	3,576,224	3,557,835	82,543,547
Total Gas Commodity Expense	2,009,810	1,455,862	1,972,930	6,035,591	7,792,308	10,007,169	11,541,899	7,177,426	2,780,892	1,431,970	1,282,111	1,214,023	54,701,991
Fuel Credits:													
Off System Sales - Fuel Cost	(1,079,989)	(449,097)	(204,897)	(342,110)	(358,623)	(557,933)	(537,013)	(426,867)	(272,154)	(366,993)	(552,824)	(588,561)	(5,737,061)
Cash Outs	(1,373)	(84)	(4,956)	(15,037)	(4,942)	(1,388)	(4,329)	(1,052)	(1,836)	(6)	(198)	(1,262)	(36,463)
Company Use Gas	(758)	(719)	(699)	(853)	(2,339)	(10,174)	(9,060)	(25,961)	(26,432)	(10,336)	(16,588)	42,957	(60,762)
Total Fuel Credits	(1,082,120)	(449,900)	(210,552)	(357,800)	(365,904)	(569,495)	(550,402)	(453,880)	(300,422)	(377,335)	(569,610)	(546,866)	(5,834,286)
Total Gas Commodity Expense	927,690	1,005,962	1,762,378	5,677,791	7,426,404	9,437,674	10,991,497	6,723,546	2,480,470	1,054,635	712,501	667,157	48,867,705
Total Gas Demand Expense	2,332,151	2,278,158	2,346,207	2,317,532	2,356,416	2,350,506	2,219,946	2,371,064	2,292,595	2,339,056	2,294,113	2,343,812	27,841,556
Demand Credits @ 80%													
Off-System Sales & Swaps	(78,739)	(26,937)	(10,661)	(62,561)	(33,706)	(422,105)	(437,108)	(249,396)	(164,241)	(270,333)	(196,335)	(312,272)	(2,264,394)
Capacity Release	(182,114)	(157,839)	(233,416)	(93,231)	(58,588)	(28,000)	(19,443)	(65,957)	(153,274)	(166,728)	(154,968)	(205,249)	(1,518,807)
Interruptible Gas Transportation	(50,639)	(41,291)	(51,709)	(48,812)	(39,257)	(27,493)	(21,497)	(38,730)	(46,760)	(45,891)	(48,413)	(43,951)	(504,443)
Subtotal	(311,492)	(226,067)	(295,786)	(204,604)	(131,551)	(477,598)	(478,048)	(354,083)	(364,275)	(482,952)	(399,716)	(561,472)	(4,287,644)
Demand Credits @ 100 %													
Transition Charges	(2,114)	(2,114)	(2,056)	(1,323)	6,583	451	451	(518)	(518)	(518)	(1,020)	(1,020)	(3,718)
Balancing Charges	(20,012)	(19,744)	(28,585)	(39,574)	(41,410)	(35,557)	(30,215)	(36,805)	(24,819)	(22,091)	(21,567)	(24,103)	(344,483)
Unauthorized Overrun	0	0	0	(440)	0	(20,510)	(108,220)	(633)	0	0	0	0	(129,803)
Total Demand Credits	(333,618)	(247,925)	(326,427)	(245,941)	(166,378)	(533,214)	(616,032)	(392,040)	(389,612)	(505,562)	(422,303)	(586,595)	(4,765,648)
Total Firm Demand Expenses	1,998,533	2,030,233	2,019,780	2,071,591	2,190,038	1,817,292	1,603,914	1,979,025	1,902,983	1,833,494	1,871,810	1,757,217	23,075,908
Total Firm Gas Expenses	2,926,223	3,036,195	3,782,158	7,749,382	9,616,442	11,254,966	12,595,411	8,702,571	4,383,453	2,888,129	2,584,311	2,424,374	71,943,616

Delmarva Power & Light Company
Derivation of Transportation Balancing Charge
Proposed to be Effective November 1, 2015

Services Required For Swing & System Reliability

	<u>Annual Cost</u>
TRANSCO GSS	\$ 1,498,488
COLUMBIA FSS	\$ 362,448
COLUMBIA SST	\$ 542,394
EASTERN SHORE FT	\$ 66,456
EASTERN SHORE T-1	\$ 4,031,520

Estimated Upstream Costs of Balancing

\$ 6,501,306

Projected System Throughput (mcf)

Projected Firm Sales	12,837,624
Projected FT	6,298,077
Projected IT	504,253
Total Sales and Transportation Deliveries	<u>19,639,954</u>

Proposed Balancing Fee

\$ 0.3310 Per Mcf

Delmarva Power Light Company

2015 - 2016 GCR Period Gas Sales Budget

Firm Bundled Sales							
	RES	RSH	GL	GG	MVG	LVG	Total
Aug-15	8,589	102,037	17	101,214	5,226	-	217,083
Sep-15	9,531	101,998	17	106,977	5,175	-	223,698
Oct-15	10,335	185,329	17	149,842	7,700	-	353,223
Total	28,455	389,364	50	358,033	18,101	-	794,003
Nov-15	16,798	468,586	17	263,750	12,657	-	761,808
Dec-15	31,655	1,063,891	17	506,029	24,120	-	1,625,712
Jan-16	44,263	1,598,897	17	761,139	40,156	-	2,444,472
Feb-16	42,467	1,606,816	17	730,390	34,571	-	2,414,261
Mar-16	42,651	1,353,552	17	658,123	30,154	-	2,084,497
Apr-16	35,482	840,945	17	425,066	24,499	-	1,326,009
May-16	17,499	406,403	17	233,087	11,989	-	668,995
Jun-16	11,926	218,064	17	144,136	6,928	-	381,071
Jul-16	9,261	135,181	17	117,051	4,660	-	266,170
Aug-16	7,930	112,064	17	101,167	3,812	-	224,990
Sep-16	8,459	131,609	17	119,156	4,469	-	263,710
Oct-16	10,850	207,304	17	152,681	5,077	-	375,929
Total	279,241	8,143,312	204	4,211,775	203,092	-	12,837,624
Comparison to August 2014 GCR & ESR forecast for 14-15 GCR period:							
Total	251,386	7,598,883	204	3,964,541	220,911	-	12,035,925
Change	27,855	544,429	-	247,234	(17,819)	-	801,699
%Change	10.0%	6.7%	0.0%	5.9%	-8.8%	0.0%	6.2%

Delmarva Power Light Company

2015 - 2016 GCR Period Gas Sales Budget

all in mcf	Firm Transportation			Firm Throughput
	GVFT	MVFT	LVFT	Total
Aug-15	30,318	66,761	290,485	387,564
Sep-15	33,287	70,294	289,998	393,579
Oct-15	49,818	88,618	305,275	443,711
Total	113,423	225,673	885,758	1,224,854
Nov-15	82,604	127,415	347,173	557,192
Dec-15	82,494	127,176	329,580	539,250
Jan-16	132,229	178,358	475,187	785,774
Feb-16	140,471	176,496	454,053	771,020
Mar-16	106,915	150,274	500,377	757,566
Apr-16	58,317	106,070	370,992	535,379
May-16	35,391	88,617	316,723	440,731
Jun-16	27,371	72,156	243,357	342,884
Jul-16	25,148	71,355	282,253	378,756
Aug-16	25,658	67,834	290,368	383,860
Sep-16	27,283	73,301	276,789	377,373
Oct-16	50,422	87,109	290,761	428,292
Total	794,303	1,326,161	4,177,613	6,298,077
				19,135,701

Comparison to August 2014 GCR & ESR forecast for 14-15 GCR period:

Total	825,464	1,329,634	4,035,136	6,190,234	18,226,159
Change	(31,161)	(3,473)	142,477	107,843	909,542
%Change	-3.9%	-0.3%	3.4%	1.7%	4.8%

Delmarva Power Light Company

2015 - 2016 GCR Period Gas Sales Budget

all in mcf	Interruptible Transportation				Total IT+ FPS	Total Transportation	Total Delivery Sales
	MVIT	LVIT	Total IT	FPS			
Aug-15	16,575	23,689	40,264	-	40,264	427,828	644,911
Sep-15	15,783	22,709	38,492	-	38,492	432,071	655,769
Oct-15	20,682	29,640	50,322	-	50,322	494,033	847,256
Total	53,040	76,038	129,078	-	129,078	1,353,932	2,147,935
Nov-15	25,782	30,601	56,383	-	56,383	613,575	1,375,383
Dec-15	16,919	27,078	43,997	-	43,997	583,247	2,208,959
Jan-16	12,865	34,998	47,863	-	47,863	833,637	3,278,109
Feb-16	8,381	26,701	35,082	-	35,082	806,102	3,220,363
Mar-16	15,928	48,772	64,700	-	64,700	822,266	2,906,763
Apr-16	20,856	12,650	33,506	-	33,506	568,885	1,894,894
May-16	17,294	10,303	27,597	-	27,597	468,328	1,137,323
Jun-16	16,506	21,769	38,275	-	38,275	381,159	762,230
Jul-16	18,887	21,616	40,503	-	40,503	419,259	685,429
Aug-16	22,156	20,889	43,045	-	43,045	426,905	651,895
Sep-16	21,172	9,464	30,636	-	30,636	408,009	671,719
Oct-16	27,255	15,411	42,666	-	42,666	470,958	846,887
Total	224,001	280,252	504,253	-	504,253	6,802,330	19,639,954

Comparison to August 2014 GCR & ESR forecast for 14-15 GCR period:

Total	224,488	338,474	562,962	-	562,962	6,753,196	18,789,121
Change	(487)	(58,222)	(58,709)	-	(58,709)	49,134	850,833
%Change	-0.2%	-20.8%	-11.6%	-	-11.6%	0.7%	4.3%

